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## An Examination Of The Role Of Payment Service Banks On The Growth Of Micro, Small And Medium Enterprises In Ilorin Metropolis

By

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#### **Abstract**

This study examined the role of payment service banks (PSBs) on the growth of Micro, small and medium scale (MSMEs) businesses in Ilorin metropolis. Grounded on the theory of resource-based theory, the study sought to investigate how the presence and utilization of payment service banks affects the development and expansion of micro, small and medium-sized enterprises in Ilorin metropolis. The descriptive survey research method was used. Questionnaire served as instrument of data collection wherein a total of 1660 registered MSMEs in Ilorin, Kwara State served as the population of the study. From the population, 323 respondents were sampled using Krajcie and Morgan sample size table, thus, 316 were generated and analyzed. The data generated were analyzed using simple descriptive and statistical tools to test the relationship between the variables. Findings from the study revealed that awareness, perception, financial advisory, and ease of transaction all play significant roles in the growth and development of small and medium enterprises in Ilorin metropolis of Kwara State. The study concluded that the ease of transactions within banks has been recognized as a critical factor that augments MSME growth, as stakeholders firmly believe in the efficiency and convenience of banking services. The study however recommended among others that government bodies, financial institutions, and industry associations should collaborate on initiatives to inform and educate stakeholders about the services and products offered by payment service banks, thus fostering the growth of MSMEs.

**Keyword:** e-Banking, MSMEs, Payment Service banks

## Introduction

In today's fast-paced world, finance is undergoing a tech-driven revolution. From cryptocurrencies to blockchain technology, traditional banking and transactions are devolving rapidly. These innovations are reshaping the way of managing and investing our money, marking a profound shift in the financial landscape (Omarova, 2020). The global developments in finance and payments have been heterogenous, depending on the level of development and financial literacy within jurisdictions (Kraitzek, et. al, 2022). Major factors contributing to this prominent developments according to Wójcik and Ioannou (2020) include the impact of emerging technologies and new financial products such as increased automation and embedded financial services that simplify daily activities and cross-industry partnerships that allow customers' financial and non-financial services to be addressed simultaneously, the growth of e-commerce and global payments interconnectedness; activities of new technology-enabled payment platforms by technology firms (FinTech and TechFin) in financial services; and consumer behaviour in response to popular payment solutions by new entrants offering cheaper, faster, and more convenient payment services through innovative financial products (Arner, et. al, 2022).

Globally, financial innovations and emerging technologies, particularly from the activities of FinTech start-ups and newer entrants like TechFins and BigTechs, as well as the increasing exploitation of blockchain – a type of distributed ledger technology – are quickly transforming how (non) financial services are rendered (Zetzsche, et. al, 2020). Payment systems – which serve as conduits for wealth distribution in modern economies – have also undergone transformation through the introduction of innovative digital payment alternatives (termed Shadow Payment Systems), technology-enabled payment platform solutions, and digital currencies – a term broadly used to include cryptocurrencies, stable coins, and the emerging CBDCs (Boar and Wehrli, 2021; Awrey & van Zwieten, 2019). These innovations have gained popularity among existing and previously unbanked financial consumers, boosting

consumer confidence towards alternative payments solutions and benefiting greater financial inclusion. Consumers' expectations for cheaper, faster, and more efficient financial products and services have forced incumbents – traditional banks and payment services providers to develop innovative payment solutions to compete with offers by new entrants into the payment ecosystems (Moro-Visconti, et. al, 2020).

In Nigeria, there are four major telecommunications companies (telco) - MTN, Airtel, Glo and 9mobile and they are all vying for a place within the financial services market in the country. In 2020, according to Agunbiade (2021), two telecommunications were granted final approval to operate as Payment Service Banks (PSBs) following compliance with licensing requirements. Glo operates through Money-master PSB while 9mobile operates through 9 PSB. Between March and April 2022, the CBN offered the remaining two telecommunications their licence to operate PSBs. MTN got the approval to operate through Momo Payment Service Bank, while Airtel operates through Smartcash Payment Service Bank Limited. All four major telcos have received their licence to operate and are already competing with traditional banks and other fintech companies (Metzger, et. al, 2023). With telecommunications now launching their banking operations as planned, acquiring a mobile phone could mean owning a bank account without needing traditional banks. These PSBs, introduced in line with the Central Bank of Nigeria's (CBN) financial inclusion agenda, have played a pivotal role in extending financial services to underserved and unbanked populations. Notable PSBs like Kuda Bank, ALAT by Wema, Opay, PalmPay and 9PSB, to name a few, have leveraged digital technologies to offer affordable and convenient banking solutions, including mobile banking, payments, and basic financial services.

This innovation has not only increased access to financial products for millions of Nigerians but has also spurred competition and innovation within the financial sector, driving financial inclusion and promoting economic growth. The advent of PSBs underscores the evolving nature of financial services in the country, empowering

individuals and businesses with greater access to the benefits of the formal financial system. Park and Cho (2021) averred that the digital payment platforms serve as data providers on MSME financial profiles capable of revolutionizing lending, low-cost agent-assisted transactions, and other efficient financial products and services by conventional banks, micro-finance institutions (MFIs), and non-bank financial institutions (NBFIs). Notably, the data provided by these platforms enable the factoring of cash flows within the MSMEs as usable collateral (complementing inadequate real properties) to enable access to finance within traditional lending institutions and elsewhere. Further, the increasing digital presence of MSMEs, enabled by progressive consumer confidence in e-commerce platforms, creates new markets for MSMEs (particularly small retail shops, such as "MoMo" stores providing last-mile services to unbanked and underserved segments in remote areas) without requiring a considerable amount of sunk costs (Arner, et. al, 2022).

Micro, Small and Medium-sized Enterprises (MSMEs) are the lifeblood of economies around the world, and their significance is no less pronounced (Erdil, 2023). These businesses, ranging from small local retailers to innovative startups and service providers, contribute substantially to job creation, economic growth, and community development. However, the growth and sustainability of SMEs often face challenges related to financial accessibility, which can hamper their ability to expand, invest, and compete in the market. These challenges include limited access to traditional banking services, stringent collateral requirements, and prohibitive transaction costs (Bakhtiari, et. al, 2020). Consequently, the role of Payment Service Banks (PSBs) as emerging financial institutions specializing in providing accessible, affordable, and technologically-driven financial services becomes pivotal. The success of these banks in bridging the financial inclusion gap and facilitating the growth of SMEs holds significant promise, provided that a nuanced understanding of their interactions and dynamics is achieved.

PSBs however, have emerged as a dynamic force in the financial landscape, offering services such as mobile banking, microloans, and payment solutions that can empower MSMEs. As these innovative banking entities continue to expand and refine their service offerings, their potential impact on the SME sector has garnered increasing attention.

The contributions of Micro, Small and Medium Scale Enterprises (MSMEs) to the growth of Nigerian economy cannot be understated as they seem to drive the economic and industrial transformation of the country. Access to financial services is important to their growth and performance. Micro credit finance is an indispensable catalyst in financing the development of banks in Nigeria, and the essence of these banks was to provide banking services in all ramifications at microfinance level to the inhabitant of communities. According to Aladejebin (2019), the experience of many countries indicate that entrepreneurship which manifests in the form of MSMEs can meaningfully contribute to the attainment of the country's economic development objectives. These objectives include employment generation, income redistribution, output expansion, promotion of indigenous entrepreneurship and location of industries among regions of a country, production of intermediate goods to strengthen, inter and intra industrial linkages. Despite the acknowledged role of MSMEs, a number of factors tend to limit their growth potentials. MSMEs are at a disadvantage compared to big firms in terms of accessing loans from commercial banks which is critical to the development of MSMEs (Esubalew & Raghurama, 2021). Owners of small business prefer their savings and cooperative societies credit instead of MFBs and deposit banks loans because of non-accessibility, exorbitant collaterals, and high-interest rates. High interest requested by the microfinance banks has been observed to be the cause of default among the customers (Yerima, Gambo & Umar, 2022).

In response to these challenges, the Central Bank of Nigeria introduced Payment Service Banks (PSBs) as providers of deposit and withdrawal services, training, and diverse financial products (Central Bank of Nigeria, (CBN) 2018). However, Small and Medium Enterprises (SMEs) faced several challenges in accessing financial services before the advent of Payment Service Banks (PSBs) in Nigeria, Traditional banks often had stringent requirements and high operational costs, making it difficult for MSMEs to open and maintain accounts. This lack of access to formal banking services hindered their ability to manage transactions efficiently, obtain credit, and engage in digital financial activities. Additionally, the absence of widespread banking infrastructure in rural areas further marginalized MSMEs, limiting their growth potential and economic contribution.

Prior to the emergence of Payment Service Banks (PSBs) in Nigeria, including in Ilorin, Kwara State, Small and Medium Enterprises (SMEs) faced not only financial barriers but also operational challenges. The lack of tailored financial services for SMEs often led to cash-based transactions, making it difficult for businesses to track and manage their finances effectively. Additionally, the absence of a reliable and accessible digital financial infrastructure hindered the adoption of modern business practices, limiting the competitiveness and growth potential of SMEs. In Ilorin, as in many other regions, the dearth of financial inclusion meant that a significant portion of the MSME sector operated in the informal economy, restricting their access to credit and hindering their ability to invest in technology and innovation.

Given these challenges, there is a compelling need to conduct a study on the role of Payment Service Banks in the growth of MSMEs in Ilorin, Kwara State. Such a study would provide valuable insights into how the introduction of PSBs has impacted the financial landscape for SMEs in the region. It could assess the extent to which these banks have addressed the financial constraints faced by MSMEs, increased their access to formal financial services, and facilitated their integration into the digital economy.

Understanding the specific dynamics in Ilorin would enable policymakers, financial institutions, and businesses to tailor interventions and strategies that can further enhance the positive impact of PSBs on the growth and sustainability of MSMEs in the region.

The general objective of the study was to examine the role of payment service banks on the growth of small and medium scale businesses in Ilorin metropolis of Kwara State. Apart from the general objective, the study also set the following specific objectives, to:

- i. Analyze the relationship between financial advisory services rendered by PSBs and the growth of payment service banks in Ilorin metropolis of Kwara State.
- Evaluate the effect of PSBs product usage convenience on the growth of MSMEs in Ilorin metropolis of Kwara State.

The primary scope of this study centers on Micro, Small and Medium-sized Enterprises (MSMEs) operating within Ilorin metropolis, Kwara State, as the selected respondents. This research encompass a wide range of MSMEs across various sectors and sizes located in the urban area. Both MSMEs that have actively engaged with Payment Service Banks (PSBs) for their financial transactions and those that were not included in the study. Key areas of investigation include the extent of PSB adoption, the influence of PSBs on financial inclusion, metrics of growth among MSMEs, challenges faced, and opportunities presented in the specific urban context of Ilorin metropolis.

The decision to target respondents in Ilorin metropolis is motivated by the convenience and accessibility it offers. As the urban hub of Kwara State, Ilorin metropolis provides easy access for the researcher and this proximity minimizes logistical challenges and streamlines data collection, interviews, and surveys.

Furthermore, Ilorin metropolis represents a diverse urban setting with a variety of MSMEs across industries and sectors. Focusing on this location ensures that the study captures the wide spectrum of MSMEs commonly found in urban environments, making the findings more applicable to similar settings. More so, the outcomes of this research hold direct significance for local businesses within Ilorin metropolis, as they are the primary stakeholders under investigation. Addressing their specific experiences, challenges, and opportunities can generate actionable recommendations that immediately benefit the local business community.

## **Literature Review**

## **Concept of Payment Service Banks**

Payment service banks also referred to as digital payments refer to payments made using digital instruments, such as mobile payment applications, mobile wallets, bitcoin or virtual currency coins, and other electronic payment methods (Enuga, et. al 2023). The use of technology in performing seamless financial transactions is termed digital Banking or FinTech Banking. According to Mahesh and Bhat (2021), digital transaction means a payment transaction in a seamless system effected without the need for cash at least in one of the two legs, if not in both (i.e., payer or receiver or both). This includes transactions made through digital/electronic modes wherein both the originator and the beneficiary use digital/electronic medium to send or receive money. Due to the popularisation of digital payment among customers, the priorities of bank clients' have been shifted from a paper-based payment method of a monetary transaction to the electronic mode. E-payment systems in the retail business segment have made a significant contribution in promoting financial inclusion in a larger space.

To capture new opportunities thrown by the digitised economy, businesses are conducting their commercial transactions utilising digital payment systems. However, Ayakwah, Damoah and Osabutey (2021) claimed that there are problems that impede

the adoption of digital payments that need to be addressed urgently. According to him, Nigeria's expanding usage of digital payment in retail business transactions, retail digital payments witnessed a shift in the country's kindred with cash. This is seen by the rapid expansion of retail digital payments after initiating digital payment methods such as e-wallets, card payments, etc. Cash still reigns supreme, but it is increasingly being viewed as a means of storing wealth as an economic asset rather than a means of making payments.

Urbiola, Pacheco and Lozano (2021) argued that the future of payments is characterized by speed, convenience, and competitiveness. In the eyes of the common man, cash is always seen as the king, whereas now digital is regarded as a god with the inception of the payment system. Opay, PalmPay, Moniepoint and few others are quick payment systems that have boosted retail digital payments in Nigeria. Nigeria's e-payment ecosystem has grown rapidly since the introduction of cashless initiatives (Ayadi, et. al 2023). However, the experience of Nigerians with the cashless hurdle before the 2023 general election was marked by a mix of progress and challenges. Redesigning the naira came with increased logistics costs, and what was considered avoidable dislocations to small business operators in Nigeria. Ongoing progress in new technology, innovative payment products, the emergence of inhibitory market players, and regulatory interventions have aided and accelerated the growth of the digital payment ecosystem.

According to Mhlanga (2020), payment service banks are described as small scale financial services that are granted to informal small business operators in other to take part in any other creative or distributive activities. Microfinance denotes small-scale business or credit services; which are made available to people operating selected business; running small enterprises in which goods are manufactured, reprocessed, repaired or exchanged in rural as well as urban area. Also said by Thaher, et. al (2021), microfinance is a suitable way of assisting entrepreneur. Gupta and Kanungo (2022)

defines Payment Service Banks (PSBs) are a specific category of financial institutions in Nigeria that were introduced to enhance financial inclusion and provide basic financial services to underserved and unbanked populations. These banks are a regulatory innovation by the Central Bank of Nigeria (CBN) and are part of the broader strategy to promote financial inclusion and extend banking services to remote and rural areas of the country.

Kanungo and Gupta (2021) defines PSBs as any institutions that provides great and other financial services to the low-income entrepreneurs who are traditionally not served by the conventional institutions. From the various definitions given so far, it becomes clearly that there is a not universally acceptable definition of the term microfinance. This is due to the variation from country to country or region to region with each definition being according to the economic circumstances exists in various economics.

## The Concept of Micro, Small and Medium Scale Enterprises (MSMEs) in Nigeria

Ogunkoya and Banjo (2020) posits that the National Council of Industries in Nigeria defines Small and Medium Enterprises (SMEs) as the business enterprises that has its total cost not exceeding two hundred million Naira (N200, 000,000.00). In the context of Nigeria, Adegboyegun, et. al (2020) however defines Micro, Small and Medium Enterprises (MSMEs) on the following criteria: a business with less than 10 people and have an annual turnover of under N5, million are the microenterprise, a business of 10-49 employees and have an annual turnover of N 5 to 49 million are the small enterprises; while a business with 50-199 employees and have an annual turnover of N 50 to 499 million are the medium enterprises. Therefore, the following table summarized SMEDAN (2010) definition of MSMEs.

Table 1: Definition of MSMEs in Nigeria

S/N	Size of	Number of Employees	Assets (N) Excluding Land
	Enterprise		and
			Building
1.	Micro Enterprises	Less than 10	Less than 5 million Naira
2.	Small Enterprises	Between 10 – 49	5- less than 50 million Naira
3.	Medium	50-199	50- Less Than 500 Million
	Enterprises		Naira

Source: Berg et al (2012)

The criteria for defining the size of a business differ from country to country, with many countries having programs of business rate reduction and financial subsidy for MSMEs. According to Berg et. al (2012), small-scale enterprise or business is one with less than 50 employees and turnover of less than €10 million Euros while medium scale business is one with less than 250 number of employees and turnover of less €50 million Euros. Thabani and Richard (2020) sees MSMEs as a quasi-sponge for urban employment and a provider of inexpensive consumer goods with little or no import content, serving an important pressure-releasing and welfare-augmenting function. MSMEs also contribute to long-run industrial growth by producing an increasing number of firms that grow up and out of the small sector.

However, MSMEs have no doubt been indeed recognized as the main engine of economic growth and development, a major variable for promoting the private sector, development and partnership. Government at various level, development agencies and experts as well as multilateral institutions do appreciate this fact such that they respond positively to any occasion and situations, which could permit them contributing to or creating opportunities for promoting the lot of MSMEs. The MSME sub-sector not only contributes significantly to improved living standards of the people alone but they also bring about the substantial local capital formation and achieve high levels of productivity and capability. Employment or job opportunity-wise, MSMEs account

for well over half of the total share of employment, sales and value added in most countries (Bakhtiari, et. al, 2020).

## Prospects of SMEs and PSBs in Nigeria

Policies and approaches that are aimed at reducing poverty in the global patterns have come to welcome the effort of these two types of machinery for economic development. As earlier stated in this study, there is principal relationship exist between the two (MFIs and SMEs). Both the MFIs and SMEs rely on each other despite the fact that one's improvement can be said to be profoundly dependent on the other (i.e. MSMEs on MFIs) (Negash, 2022). Regardless of the difficulties postured by bigger industry players, they are predicted as drives of development for the progression of a global economy.

As one of the third world economies, Nigeria is not left behind to this imminent advancement, MSMEs and MFIs are tipped to lead this voyage into a destination of prosperity and supportable development. Israel (2022) posited that SMEs keep attaining dynamic levels of innovation through various services that are provided by them in the area of sales, distribution, supply, manufacturing and other services. A new method of change on small-scale business has been introducing through the use of modern technology. Local farmers are embracing agricultural inputs like fertilizers and modern technology through resourceful and attractive services that are been made accessible by MSMEs and MFIs (Opare-Djan, 2012). Nevertheless, the poor people do not have access to formal banking services and they represent more than half of the population of Nigeria. Hence, they heavily rely on informal and formal microfinance institution for loans.

## Relevance of PSBs in the Development of Micro, Small and Medium Scale Enterprise

Several researchers have evaluated the role of MFIs in the development of SMEs. Oni, Paiko and Ormin, (2012) opined that the contribution of micro finance institutions (MFIs) to sustainable growth of micro, small and medium scale enterprises (MSMEs) in Nigeria. Their research revealed that MFIs does and could contribute immensely to the sustainable growth of MSMEs in the country. In addition to this, the study also found among others that MFIs services outreach to SMEs at present is poor. Ojo (2014) viewed the impact of microfinance on entrepreneurial development in Nigeria. The researcher concludes that microfinance institutions world over and especially in Nigeria are identified to be one of the key players in the financial industry that have positively affected individuals, business organizations, other financial institutions, the government and the economy at large through the services they offer and the functions they perform in the economy. Oni, et al, (2012) noticed the development of Small and Medium Scale Enterprises and the role of Government and other Financial Institutions, they discovered that financial institutions provide all the necessary financial lubricant that facilitate the development of Small and Medium Scale Enterprises, they stressed that, a lot still need to be done by the government in terms of policy formulation in order to complement the efforts of financial institutions. They finally recommends that establishment of micro finance institutions to serve the grass root financial needs should be encouraged.

It has been researched and established that small scale businesses play crucial roles in the economic development of countries. They employ more workers than their large scale counterparts. They play complementary roles to large scale firms as a training workshop for developing skills of industrial workers and establishing forward and backward linkage. The spectacular economic development of the Asian countries like Malaysia and Indonesia were attributed to the rapid development of the small and medium enterprises. In recognition of this many countries now see them as instrument for fighting poverty and underdevelopment and are re-directing their economic policies towards the development of this class of enterprises (Ogundele, et al 2012). In Nigeria small -scale businesses (SSB) constitute 85% of all firms operating in the economy. Like in most other developing countries they employed the largest number of workers in one way or the other than large scale business. It is the official policy of government to develop the economy and light poverty reduction through the development of small scale business (Abisuga-Oyekunle, Patra & Muchie, 2020).

The importance and roles of MFIs in the development of MSMEs in Nigeria cannot be over emphasized as stressed by the above researchers. This study however, assessed the challenges SMEs face when sourcing funds from various sources including MFIs.

## **Diffusion of Innovation Theory**

This study is grounded on the theory of diffusion of innovation theory. Dillon and Morris (1996) being one of the major proponents of the innovation diffusion theory explain that innovation diffusion theory attempts to conceptualize and describe the procedures through which members of a social group learn new knowledge. Mas and Seidek (2008) added that not all forms of innovations that are adopted even no matter how valid and useful they are. This is because changes and taste may impair innovation diffusion. Rogers (2003) argued that innovations offering more relative advantage, compatibility, simplicity, trialability, and observability will be adopted faster than other innovations. Rogers does caution, "getting a new idea adopted, even when is has obvious advantages, is difficult", so the availability of all of these variables of innovations speed up the innovation-diffusion process. Research showed that all these factors influenced faculty members' likelihood of adopting a new technology into their teaching (Anderson et al., 1998; Bennett, & Bennett, 2003; Parisot, 1997; Slyke, 1998; Surendra, 2001).

Factors which affect innovation include relative advantage (the rate at which a new knowledge (technology) brings about improvements over that which exist previously), compatibility (this accounts for consistent is social norms and practices of its end users), complexity (its fastness of learning), trainability (the likely to try a financial innovation before executing it) and observability (the extent to which the technology's output and its gains are clear to see) (Roger, 1983) Further, agency banking have aid Nigerian banks to position them in a way that they will maximize profit and minimize loss (costs) thus ensuring sound and well improved financial performance.

While the reviewed empirical studies provide valuable insights into the relationship between microfinance institutions and SME growth, there is a noticeable gap in the existing literature concerning the specific role of payment service banks (PSBs) in the context of Ilorin, Kwara State, and their impact on the growth of micro, small and medium enterprises (MSMEs). Payment service banks, as a distinct type of financial institution, have gained prominence in Nigeria, and understanding their unique contribution to MSME development is of paramount importance. However, the reviewed studies predominantly focus on microfinance banks and informal financial institutions, with limited attention given to PSBs, which are designed to offer innovative financial services. Given the evolving financial landscape and the emergence of PSBs, it is essential to address this gap and conduct research that examines how PSBs influence MSME growth in Ilorin, Kwara State

Addressing this gap in the literature is crucial because the role and impact of PSBs in supporting MSMEs may differ significantly from that of traditional microfinance institutions. PSBs, with their digital infrastructure and emphasis on financial inclusion, might offer novel financial products and services that are better suited to the needs of SMEs in a rapidly evolving business environment. By conducting research specifically focused on Ilorin Kwara State, it would be possible to gain a deeper understanding of how PSBs are perceived and utilized by local MSMEs, the extent to which they

contribute to MSME growth, and any challenges or opportunities they present. This research provides valuable insights for policymakers, business owners, and financial institutions aiming to foster MSMEs development in Ilorin and potentially in similar regions across Nigeria.

## Methodology

Survey research design was adopted in this study to examine the role of payment service banks on the growth of MSMEs in Ilorin metropolis of Kwara State. The population of this study consists of micro, small and medium enterprises and PSBs registered in Kwara State. The population also includes owners, managers and persons in charge of human resource/administration of all the MSMEs which include trader, transporters, agricultural, hospitality, professional services, health, entertainment and factories that are appropriate to gather data related to the research while PSBs such as Kuda bank, Opay, PalmpPay, MoniePoint and Fet bank to mention few were targeted. However, the study focused on registered MSME's in Ilorin.

Specifically, there are 1,660 registered MSMEs in Ilorin, Kwara State with 695 Micro enterprises, 556 Micro and Small Enterprises and 409 Medium Enterprises. This is based on the information obtained from SMEDAN (2017).

**Table 3:** Population of the Study

S/N	Nature of Business	Micro	Small	Medium	Total
1	Books and Stationeries	57	46	34	137
2	Electronics	49	63	58	170
3	Food Centres (Including hotels)	67	41	31	139
4	Furnitures	29	51	44	124
5	Garments/Footwares	89	62	33	184

6	Grocery/Cosmetics	68	49	28	145
7	Hardwares	72	42	26	140
8	Jewelry	71	51	51	173
9	Medicine	69	61	29	159
10	General Stores	58	41	38	137
11	Other services	66	49	37	152
	Total	695	556	409	1,660

Source: SMEDAN, 2017

Owing to this large population, it was imperative to work with a handful number of MSMEs for effective coverage within the time frame of the study.

In regards to the above population size, a sample size of 323 respondents is considered for participation using the Kjracie and Morgan (1979) sample size table. In selecting the respondents, purposive sampling method was employed. This is done by categorizing businesses based on industry, size, and location. The study purposefully selected a diverse sample, including businesses likely to be aware of payment service banks, varying perceptions of their offerings, those with interaction history, and active product users, while also ensuring representation of different growth stages and business sizes while maintaining transparency by documenting the selection criteria and rationale, by aligning the sample with research objectives. Also, firms within MSMEs were selected across the sub-sectors ensuring they are not less than 10 years of existence, their proximity and enterprise size.

Data were collected through structured questionnaires administered to a sample of MSMEs in Ilorin metropolis of Kwara State. The researcher administered the instruments on the selected respondents with the help of two trained research assistants. Out of the 330 questionnaires administered, only those that were retrieved were scored and analysed. Subsequently, data preprocessing steps were employed to

ensure data quality, including validation, handling missing values, and necessary transformations. Statistical techniques such as correlation analysis (to understand the relationship between financial advisory and PSB growth) and regression analysis (to gauge the effect of convenience on MSME growth) were utilized.

## **Data Analysis and Results**

Table 4 shows the zero order correlation coefficient matrix of the relationship among the independent variables of role of payment service and dependent variable growth of small and medium enterprises. The findings revealed that all the variables have significant relationship with one another and their scores were above zero. In specific terms, the table shows that the role of payment service has the highest relationship with growth of small and medium enterprises.

**Table 4:** Auto correlation of independent and dependent variable

Variables			Financial	Easy	Growth
	Awareness	Perception	Advisory	Transaction	
Awareness	1.000	.779	0.703	0.943	0.762
Perception	0.779	1.000	0.826	0.854	0.963
Financial	0.703	0.826	1.000	0.751	0.865
Easy	0.943	0.854	0.751	1.000	0.794
Growth	0.762	0.963	0.865	0.794	1.000

Source: Researchers' computation, 2023

## **Test of Hypotheses**

H<sub>01</sub>: There is no significant relationship between the level of financial advisory provided by payment service banks and the growth of SMEs

**Table 5:** Relationship between levels of financial advisory provided by payment service banks and growth of SMEs

		Growth of SMEs	Hypothesis
	Pearson Correlation	.865**	
Level of	Sig. (2-Tailed)	.000	H3 significant
financial			
advisory			
	N	316	

Source: Researchers' computation, 2023

As indicated in Table 5, the Pearson Product Moment Correlation was used to test for relationship between level of financial advisory and growth of SMEs using SPSS version 22. The result of the relationship between Level of financial advisory and growth of MSMEs r=.865, n=316, p<.000. Therefore, the null hypothesis, which stated that there is no significant relationship between level of financial advisory and growth of MSMEs in Kwara State was rejected. This means that a unit increases in financial advisory will result to a corresponding increase in the Small and Medium Enterprises growth in kwara state by margin of .865 by using If the p-value is less than the significance level ( $\alpha$ =0.05). This shows that there was relationship between level of financial advisory and growth of SMEs. This showed that stakeholders of SMEs believe that financial advisory is provided in the banks which lead to the growth of MSMEs in Kwara state.

# H<sub>02</sub>: There is no significant relationship between Product Usage Convenience and growth of SMEs

**Table 6:** Relationship between Product usage convenience and growth of SMEs

	Growth of SMEs	Hypothesis
Pearson Correlation	.794**	

Product	Sig. (2-Tailed)	.000	H4 significant
usage			
convenience			
	N	316	

Source: Researchers' computation, 2023

As reported in Table 6 of this study. The Pearson Product Moment Correlation was used to relationship between Product usage convenience and growth of SMEs using SPSS version 22. The result of the relationship between Product usage convenience in the banks and growth of SMEs r=.794, n=316, p<.000. Therefore, the null hypothesis, which stated that there is no significant relationship between Product usage convenience in the banks and growth of MSMEs in Kwara State was rejected by using If the p-value is less than the significance level ( $\alpha=0.05$ ). This shows that there was relationship between Product usage convenience in the banks and growth of MSMEs. This means that a unit increases in Product usage convenience will result to a corresponding increase in the Small and Medium Enterprises growth in kwara state by margin of .794. This showed that stakeholders of SMEs believe that there is Product usage convenience in the banks which enhanced their growth of MSMEs in Kwara state.

## **Discussion of Findings**

1. Findings from the study shows that there was a significant relationship between the level of financial advisory provided by payment service banks and the growth of MSMEs. Level of financial advisory provided had a significant relationship with growth of MSMEs where r=.865 This means that a unit increases in financial advisory will result to a corresponding increase in the small and medium enterprises growth in Kwara state by margin of .865 by using If the p-value is less than the significance level ( $\alpha=0.05$ ). This shows that there was relationship between level of financial advisory and growth of

MSMEs. The finding of this study was in line with study investigated by Dale (2003) that willingness to assist customers and delivery of prompt service is a way of promoting their quality business.

Likewise, the study of Wisniewski and Wisniewski (2005) supported this finding that service quality such as financial support given to customers increase the confidence of customers. Given this financial assistance, Dhurup, Singh and Surujlal (2006) claimed that service render to customers is a way of improving credibility, courtesy and competence of employees in relationship with service they provide. In the similar view, Devnarrian (2011) noted that competence of the staff in providing a courtesy and secured service to their client would guide business activities. More so, the study done by Yeo (2008) which supported this finding indicated that listening, understanding, and communicating with customers as a means for achieving stated objectives of banks

- 2. Findings from the research hypotheses also revealed that there was a significant relationship between Product usage convenience and growth of MSMEs. Easy of transaction had a significant relationship with growth of SMEs where r =.794 This means that a unit increases in easy of transaction will result to a corresponding increase in the small and medium enterprises growth in Kwara state by margin of .794 by using If the p-value is less than the significance level (α=0.05). This showed that stakeholders of MSMEs believe that there is easy of transaction in the banks which enhanced their growth of SMEs in Kwara state.
- 3. The finding of this study was aptly supported by study done by Haggins at el (2012) observes that most SMEs find financial transactions easier accurately.

This enables them to significantly improve their operating costs and increase their performance. Jensen (2007) also contributed to the finding of this study that financial transactions assist SMEs to reduce information asymmetries and market inefficiencies hence enabling them to achieve better performance. In the same note, Chogi (2006) points out that SMEs in Kenya perceive financial transactions as tools that can mediate their activities by transforming their objectives into outcomes. The finding of this study was buttressed by Ngaruiya (2014) that the modern day transaction has changed how business is conducted. This is because offering banking products through mobile phones has brought about great potential for reaching those who have no bank accounts. Furthermore, Lennart and Bjorn (2010) supported this result that the fast diffusion of banks packages was viewed as a potential key tool for facilitating financial transactions. This indicates that the easy of packages was seen as a means of uplifting the financial functionality of SMEs. Ngaruiya (2014) opined that there was need to need to fund SMEs so that they can be able to functioning well in the country. Ahiawodzi and Adade (2012) buttressed the finding of this study that easy access to credit exerts a significant positive effect on growth of SMEs. The study done by Gololo (2017) that SMEs play a primary role in country and contribute their quota to the growth and development of numerous developing nations if they are adequately funded. Therefore, SMEs must have easy of transaction when it comes to get a services from the banks.

## **Conclusion and Recommendations**

The implications of these findings are substantial and offer actionable insights for policymakers, financial institutions, and stakeholders in the MSME sector. To further bolster MSME growth in Kwara State, stakeholders should continue to implement awareness campaigns, bolster positive perceptions of financial opportunities, and expand access to tailored financial advisory services. Furthermore, investment in user-

friendly banking technologies and platforms is crucial to uphold and build upon the ease of transactions. By addressing these critical aspects, Kwara State can foster a more favorable environment for MSMEs, enabling them to thrive and contribute significantly to the local economy. This study serves as a valuable reference for policymakers and stakeholders seeking to make informed decisions to support the growth of MSMEs in the region.

## References

- Abebe, A., & Kegne, M. (2023). The Role Of Microfinance Institutions On Women's Entrepreneurship Development. *Journal Of Innovation And Entrepreneurship*, 12(1), 1-24.
- Abisuga-Oyekunle, O. A., Patra, S. K., & Muchie, M. (2020). SMEs in Sustainable Development: Their Role In Poverty Reduction And Employment Generation In Sub-Saharan Africa. *African Journal Of Science, Technology, Innovation And Development*, 12(4), 405-419.
- Adam, H. (2021). Fintech And Entrepreneurship Boosting In Developing Countries:

  A Comparative Study of India and Egypt. In *The Big Data-Driven Digital Economy: Artificial and Computational Intelligence* (pp. 141-156). Cham: Springer International Publishing.
- Adegboyegun, A. E., Ben-Caleb, E., Ademola, A. O., Oladutire, E. O., & Sodeinde,
   G. M. (2020). Internal Control Systems And Operating Performance: Evidence
   From Small And Medium Enterprises (SMEs) in Ondo state. *Asian Economic* and Financial Review, 10(4), 469.
- Ahiawodzi, A. K., & Adade, T. C. (2012). Access To Credit And Growth Of Small And Medium Scale Enterprises in the Ho municipality of Ghana. *British Journal of Economics, Finance and Management Sciences*, 6(2), 34-51.

- Ahiawodzi, A.K. &Adade, T.C. (2012). Access to Credit and Growth of Small and Medium Scale Enterprises in the Ho Municipality of Ghana. *British Journal of Economics, Finance and Management Sciences*, 6(2), 34-51.
- Ahmed, J. U., Talukdar, A., Khan, M. M., Sharif, R., & Ahmed, A. (2023). Flutterwave—A Digital Payment Solution In Nigeria. *Journal of Information Technology Teaching Cases*, 13(1), 50-57.
- Akinadewo, I. S. (2020). Microfinance Banks And Growth Of Micro, Small And Medium Enterprises In Emerging Economies: Evidence From Nigeria. *The Business & Management Review*, 11(2), 1-12.
- Aladejebi, O. (2019). The Impact Of Microfinance Banks On The Growth Of Small And Medium Enterprises In Lagos Metropolis. *European Journal Of Sustainable Development*, 8(3), 261-261.
- Aliyu, S.M. & Bello, G.B. (2013). An Assessment Of The Contribution Of Commercial Banks To The Growth Of Small And Medium Scale Enterprises In Nigeria. *International Journal Of Research In Social Sciences*, 2(4), 47-55
- Apriliyanti, I. D. (2022). A Problem Waits: Is It True That Resource-Based Theory (RBT) Is An Empty Tautology?. *Policy & Governance Review*, 6(2), 107-122.
- Argus, D., Samson, D., Argus, D., & Samson, D. (2021). BHP (F): Mergers And Acquisitions. *Strategic Leadership For Business Value Creation: Principles And Case Studies*, 353-407.
- Arner, D. W., Animashaun, S., Charamba, K., & Cai, Y. (2022). MSME Access To Finance: The Role Of Digital Payments. *United Nations, Economic And Social Commission For Asia And The Pacific, MSME Financing Series*, (7).

- Ayadi, O. F., Oke, B., Oladimeji, A., & Aladejebi, O. (2023). Agency Banking In Nigeria: Impact And Impediments. *SEDME* (Small Enterprises Development, Management & Extension Journal), 09708464231195916.
- Bakhtiari, S., Breunig, R., Magnani, L., & Zhang, J. (2020). Financial Constraints And Small And Medium Enterprises: A Review. *Economic Record*, *96*(315), 506-523.
- Baliga, A., & Goveas, C. (2022). Evolving Partnerships Between Fintechs And Banks—A Case Study With Reference To Union Bank Of India. *International Journal Of Management, Technology And Social Sciences (IJMTS)*, 7(2), 444-454.
- Beecham, E. (2022). 'Quality Of Life'in Children With High-Risk Brain Tumours:

  Children's, Parents' And Healthcare Professionals' Perspectives Over The

  Course Of The Illness (Doctoral Dissertation, UCL (University College

  London)).
- Budhwar, P., Chowdhury, S., Wood, G., Aguinis, H., Bamber, G. J., Beltran, J. R., ...& Varma, A. (2023). Human Resource Management In The Age Of Generative Artificial Intelligence: Perspectives And Research Directions On Chatgpt. *Human Resource Management Journal*, 33(3), 606-659.
- Bull, C., Byrnes, J., Hettiarachchi, R., & Downes, M. (2019). A Systematic Review Of The Validity And Reliability Of Patient-Reported Experience Measures. *Health Services Research*, 54(5), 1023-1035.
- Candraningrat, I., Abundanti, N., Mujiati, N., & Erlangga, R. (2021). The Role Of Financial Technology On Development Of Msmes. *Accounting*, 7(1), 225-230.

- Charles, M., & Ochieng, S. B. (2023). Strategic Outsourcing And Firm Performance:

  A Review Of Literature. *International Journal Of Social Science And Humanities Research (IJSSHR) ISSN 2959-7056 (O)*; 2959-7048 (P), 1(1), 20-29.
- Chen, N. Y., & Liu, C. C. (2023). The Impact Of Share Repurchases On Equity Finance And Performance. *The Quarterly Review Of Economics And Finance*, 91, 198-212.
- Chiou, J., Wu, P. & Huang, B. (2011). How Derivatives Trading Among Banks Impacts SME Lending. *Interdisciplinary Journal Of Research In Business*, 1(4), 1-11
- Chogi, B.(2006). The Impact Of Mobile Phone Technologies On Small And Medium Enterprises. Paper Presented To Communication Policy Research South On National Regional Innovation Systems, Nairobi. 1-20
- Dahabreh, I. J., & Hernán, M. A. (2019). Extending Inferences From A Randomized Trial To A Target Population. *European Journal Of Epidemiology*, 34, 719-722.
- Dale, B.G., Williams, R.T., Van Der Wiele, T., (2000), 'Marginalisation Of Quality: Is There A Case To Answer? The TQM Magazine, V 12, Number 4, Pages 266-274.
- De Lange, S. I., Mellink, Y., Vriend, P., Tasseron, P. F., Begemann, F., Hauk, R., ... & Van Emmerik, T. H. (2023). Sample Size Requirements For Riverbank Macrolitter Characterization. *Frontiers In Water*, *4*, 1085285.
- Demir, A., Pesqué-Cela, V., Altunbas, Y., & Murinde, V. (2022). Fintech, Financial Inclusion And Income Inequality: A Quantile Regression Approach. *The European Journal Of Finance*, 28(1), 86-107.

- Devnarrian, P. (2011). Service Quality At Varsity Colleges In Westville And Durban North: Students' Perceptions. *Unpublished Master Degree Thesis*, Durban University Of Technology.
- Dhurup, M., Singh, P. C., & Surujlal, J. (2006). Customer Service Quality At Commercial Health And Fitness Centres. *South African Journal For Research In Sport, Physical Education And Recreation*, 28(2), 39-54.
- Domanban, P. B., Asitik, A. J., & Addy-Morton, R. (2022). The Role Of Rural Banks In Poverty Reduction Among Women: Evidence From Sonzele Rural Bank, Ghana. *Ghana Journal Of Development Studies*, 19(1), 49-70.
- Ediagbonya, V., & Tioluwani, C. (2023). The Role Of Fintech In Driving Financial Inclusion In Developing And Emerging Markets: Issues, Challenges And Prospects. *Technological Sustainability*, 2(1), 100-119.
- Emmanuel, B., Musa, B. B., & Polycarp, S. U. (2022). Central Bank Of Nigeria Prudential Guidelines And The Financial Performance Of Deposit Money Banks In Nigeria. *Accounting And Taxation Review*, 6(2).
- Erdil, A. (2023). An Overview Of The Sustainability Of Performance And Productivity In The Service And Production Sector: Evaluation In Terms Of Small And Medium Sized Enterprises (SME. *International Journal Of Advanced Natural Sciences And Engineering Researches*, 7(7), 251-262.
- Esubalew, A. A., & Raghurama, A. (2021). The Moderating Effect Of Size On The Relationship Between Commercial Banks Financing And The Performance Of Micro, Small, And Medium Enterprises (Msmes). *Journal Of Global Entrepreneurship Research*, 1-14.
- Eton, M., Mwosi, F., Okello-Obura, C., Turyehebwa, A., & Uwonda, G. (2021). Financial Inclusion And The Growth Of Small Medium Enterprises In Uganda:

- Empirical Evidence From Selected Districts In Lango Sub-Region. *Journal Of Innovation And Entrepreneurship*, 10, 1-23.
- Fatogun, O. I. (2022). Survival Of Small And Medium Scale Enterprises: The Role Of Micro-Finance Banks: A Study Of Federal Polytechnic, Ilaro Microfinance Bank Ogun State. *Nigerian Journal Of Management Sciences Vol.*, 23(2).
- Ganne, E., & Lundquist, K. (2019). The Digital Economy, Gvcs And Smes. Technological Innovation, Supply Chain Trade, And Workers In A Globalized World. Global Value Chain Development Report 2019, 121.
- Gololo, I. A. (2017). An Evaluation Of The Role Of Commercial Banks In Financing Small And Medium Scale Enterprises (Smes): Evidence From Nigeria. *Indian Journal Of Finance And Banking*, *1*(1), 16-32.
- Gupta, S., & Kanungo, R. P. (2022). Financial Inclusion Through Digitalisation: Economic Viability For The Bottom Of The Pyramid (BOP) Segment. *Journal Of Business Research*, 148, 262-276.
- Hadi, S., & Supardi, S. (2020). Revitalization Strategy For Small And Medium Enterprises After Corona Virus Disease Pandemic (Covid-19) In Yogyakarta. *J. Xian Univ. Archit. Technol*, 12(4), 4068-4076.
- Hair, J. F., Black, W. C., Babin, B. J., & Anderson, R. E. (2010). *Multivariate Data Analysis: A Global Perspective*. Upper Saddle River, NJ: Pearson.
- Hastutik, S., Soetjipto, B. E., Wadoyo, C., & Winarno, A. (2022). Trade-Off And Pecking Order Theory Of Capital Structure In Indonesia: Systematic Literature Review. *Journal Of Positive School Psychology*, 5585-5597.
- Hennink, M., & Kaiser, B. N. (2022). Sample Sizes For Saturation In Qualitative Research: A Systematic Review Of Empirical Tests. *Social Science & Medicine*, 292, 114523.

- Higgins, D., & Kendall, J., & Lyon, B.(2012). Mobile Money Usage Patterns Of Kenyan Small And Medium Enterprises. Innovation, Technology, Governance And Globalization, 7, 67-81.
- Hossain, M. M. (2020). Financial Resources, Financial Literacy And Small Firm Growth: Does Private Organizations Support Matter?. *Journal Of Small Business Strategy*, 30(2), 35-58.
- Hussen, S., Wodajo, M. R., & Tasente, T. (2021). The Role Of Microfinance In Funding Small & Medium Enterprises: Harekello Town Of Gorodolla District In Focus, Ethiopia. *Technium Soc. Sci. J.*, *17*, 355.
- Ifechukwu, A. (2022). Regulating Fintech In Developing Economies: Examining The Risks, Policies And Nigeria's Path To Financial Prosperity. *Policies And Nigeria's Path To Financial Prosperity (December 26, 2022)*.
- Ikechi, K. S., & Anthony, N. (2021). Commercial Bank Loans And The Performance Of Small And Medium Scale Enterprises (Smes) In Nigeria. *International Journal Of Innovation And Economic Development*, 6(6), 46-59.
- Israel, B. (2022). Enhancing Customer Retention In Manufacturing Smes Through Supply Chain Innovative Practices. *Management Dynamics In The Knowledge Economy*, 10(3), 272-286.
- Jalil, M. F. (2022). Evaluating The Mediating Relationship Of Social Inclusion Between Digital Financial Inclusion Services, And MSE Development In Malaysia. Asian J. Management Science And Applications, 7(2), 103.
- Janse, R. J., Hoekstra, T., Jager, K. J., Zoccali, C., Tripepi, G., Dekker, F. W., & Van Diepen, M. (2021). Conducting Correlation Analysis: Important Limitations And Pitfalls. *Clinical Kidney Journal*, 14(11), 2332-2337.

- Jensen, T. (2007). The Digital Provide: Information (Technology), Market Performance And Welfare In The South Indian Fisheries Sector. *Quarterly Journal Of Economics*, 122, 879 924
- Jinjiri Ringim, K. (2014). Perception Of Nigerian Muslim Account Holders In Conventional Banks Toward Islamic Banking Products. *International Journal Of Islamic And Middle Eastern Finance And Management*, 7(3), 288-305.
- Kang, E., & Hwang, H. J. (2021). Ethical Conducts In Qualitative Research Methodology: Participant Observation And Interview Process. *Journal Of Research And Publication Ethics*, 2(2), 5-10.
- Kanungo, R. P., & Gupta, S. (2021). Financial Inclusion Through Digitalisation Of Services For Well-Being. *Technological Forecasting And Social Change*, 167, 120721.
- Kraitzek, A., Förster, M., & Walstad, W. B. (2022). Comparison Of Financial Education And Knowledge In The United States And Germany: Curriculum And Assessment. *Research In Comparative And International Education*, 17(2), 153-173
- Kuma, B., & Gata, G. (2023). Factors Affecting Food Price Inflation In Ethiopia: An Autoregressive Distributed Lag Approach. *Journal Of Agriculture And Food Research*, 12, 100548.
- Kumra, R., & Mittal, R. K. (2004). Growth Drivers Of IT Enabled Banking In India: A Study Of Scheduled Commercial Banks. LBS Journal Of Management & Research, 2(1), 60-72.
- Kurnia Rahayu, S., Budiarti, I., Waluya Firdaus, D., & Onegina, V. (2023). Digitalization And Informal MSME: Digital Financial Inclusion For MSME

- Development In The Formal Economy. *Journal Of Eastern European And Central Asian Research*, 10(1).
- Le, T. T., & Ikram, M. (2022). Do Sustainability Innovation And Firm Competitiveness Help Improve Firm Performance? Evidence From The SME Sector In Vietnam. *Sustainable Production And Consumption*, 29, 588-599.
- Lennart, B., & Björn, S. (2010). Mobile Money Transfers And Usage Among Micro And Small Businesses In Tanzania. *Implications For Practice*, 1-29.
- Maigari, M. A., & Yelwa, M. M. (2023). Digital Transaction: A Catalyst For Financial Inclusion And Job Creation. *Journal Of Digital Marketing And Halal Industry*, 5(1).
- Mamman, A. & Aminu, K.S. (2013). Effect Of 2004 Banking Reforms On Loan Financing Of Small And Medium Scale Industries In Nigeria. *International Journal Of Small Business And Entrepreneurship Research*, 1(3), 44-53.
- Markose, S., Arun, T., & Ozili, P. (2022). Financial Inclusion, At What Cost?: Quantification Of Economic Viability Of A Supply Side Roll Out. *The European Journal Of Finance*, 28(1), 3-29.
- Mbawuni, J., & Nimako, S. G. (2015). Predicting Clients' Intentions To Acquire Credit Facilities In Ghanaian Financial Market. *International Journal Of Economics And Finance*, 7(2), 63-77.
- Meressa, H. A. (2020). Growth Of Micro And Small Scale Enterprises And Its Driving Factors: Empirical Evidence From Entrepreneurs In Emerging Region Of Ethiopia. *Journal Of Innovation And Entrepreneurship*, 9, 1-22.
- Mhlanga, D. (2020). Industry 4.0 In Finance: The Impact Of Artificial Intelligence (Ai) On Digital Financial Inclusion. *International Journal Of Financial Studies*, 8(3), 45.

- Mishra, V., Walsh, I., & Srivastava, A. (2022). Merchants' Adoption Of Mobile Payment In Emerging Economies: The Case Of Unorganised Retailers In India. *European Journal Of Information Systems*, 31(1), 74-90.
- Misra, M. (2021). Commercial Micro-Credit, Neo-Liberal Agriculture And Smallholder Indebtedness: Three Bangladesh Villages. *Journal Of Contemporary Asia*, *51*(2), 330-350.
- Mohajan, H. K. (2020). Quantitative Research: A Successful Investigation In Natural And Social Sciences. *Journal Of Economic Development, Environment And People*, 9(4), 50-79.
- Moro-Visconti, R., Rambaud, S., & Pascual, J. (2020). Sustainability In Fintechs: An Explanation Through Business Model Scalability And Market Valuation. Sustainability, 12(24), 10316. <a href="https://Doi.Org/10.3390/Su122410316">https://Doi.Org/10.3390/Su122410316</a>
- Mrindoko, A. E., & Pastory, D. (2022). The Contribution Of Microfinance Institutions (Mfis) Services To Poverty Reduction Among Micro And Small Entrepreneurs In Iringa Municipality, Tanzania. *African Journal Of Applied Research*, 8(1).
- Musa, A. Y., Abdu, M., & Jimoh, N. (2022). Moderating Effects Of Innovation On The Relationship Between Micro-Credit And Financial Performance Of Microenterprises In Kaduna Metropolis. *Gusau Journal Of Business Administration*, 1(2), 13-13.
- Negash, F. A. (2022). Small Businesses' Awareness, Experience And Attitude Towards Microfinance In Asmara, Eritrea. *Communications Of The Japan Association Of Real Options And Strategy*, 12(1), 22-34.
- Ngaruiya, B. (2014). Effects Of Mobile Money Transactions On Financial Performance Of Small And Medium Enterprises In Nakuru Central Business District (Doctoral Dissertation, Egerton University).

- Obi, Y. M. V. (2023). E-Payment Administration And The Growth Of Small And Medium Enterprises (Smes) In Southeast Nigeria: An Evaluation Of Cashless Policy. *Global Journal Of Political Science And Administration*, 11(2), 42-57.
- Ochonogor, H. M. (2020). Microfinance Institutions And Economic Development In Nigeria. *Nigeria Deposit Insurance Corporation*. *NDIC QUARTERLY*, 35(1).
- Ogunkoya, O. A., & Banjo, H. A. (2020). Managerial Skills And Business Performance Among Small And Medium Enterprises (SMES) In Ogun State Nigeria. *Editorial Board*, 105. 66
- Ojo, M. O. (1991). Deregulation In The Nigerian Banking Industry: A Review And Appraisal. *Economic And Financial Review*, 29(1), 1.
- Okon, X. I. A., & Zephaniah, C. O. (2022). Central Bank Of Nigeria, Policy Incentives And Utilization Of Developmental Interventions. *Scientific African*, 16, E01249.
- Okorie, A. (1988). The Role Of Commercial Banks In Funding Agriculture In Nigeria, (1960-1984). *African Review Of Money Finance And Banking*, 17-35.
- Okunbanjo, O. I., Ojenike, J. O., & Fakunmoju, S. K. (2022). Microfinance Institutions Activities And Microenterprises Development In Southwest, Nigeria. *Business Excellence & Management*, 12(4).
- Olusola, B. E., Mengze, H., Chimezie, M. E., & Chinedum, A. P. (2022). The Impact Of Capital Structure On Firm Performance-Evidence From Large Companies In Hong Kong Stock Exchange. *Open Journal Of Business And Management*, 10(3), 1332-1361.
- Oluwole, F. O., & Oluwagbemigun, O. (2021). Informal Financial Institutions And Small And Medium Scale Enterprises Performance In Akoko South West

- Local Government, Ondo State. *The International Journal Of Business Management And Technology*, *5*(4), 2581-3889.
- Omarova, S. T. (2020). Technology V Technocracy: Fintech As A Regulatory Challenge. *Journal Of Financial Regulation*, 6(1), 75-124.
- Onyeiwuph D, C., Muoneke, O. B., & Abayomi, A. M. (2021). Effects Of Microfinance Bank Credit On Small And Medium Scale Businesses: Evidence From Alimosho LGA, Lagos State. *The Journal Of Entrepreneurial Finance*, 22(2), 4.
- Osborne, J. W., & Waters, E. (2002). Multiple Regression Assumptions. ERIC Digest.
- Pallant, J. (2011). Survival Manual. A Step By Step Guide To Data Analysis Using SPSS, 4(4).
- Park, S. And Cho, M. (2021). Did Financial Consumers Benefit From The Digital Transformation? An Empirical Investigation And A Case Study. SSRN Electronic Journal. <a href="https://Doi.Org/10.2139/Ssrn.3914600">https://Doi.Org/10.2139/Ssrn.3914600</a>
- Posen, H. E., Ross, J. M., Wu, B., Benigni, S., & Cao, Z. (2023). Reconceptualizing Imitation: Implications For Dynamic Capabilities, Innovation, And Competitive Advantage. *Academy Of Management Annals*, 17(1), 74-112.
- Rentschler, J., & Salhab, M. (2020). *People In Harm's Way: Flood Exposure And Poverty In 189 Countries*. The World Bank.
- Sanjaya, I. P. S., Sudana, O., & Dharmaadi, I. P. A. (2021). Improvement Of MSME Sales And Capital Management Through A Website-Based Marketplace System. *Jurnal Ilmiah Merpati (Menara Penelitian Akademika Teknologi Informasi)*, 9(2).

- Sari, Y., Nugroho, M., & Rahmiyati, N. (2023). The Effect Of Financial Knowledge, Financial Behavior And Digital Financial Capabilities On Financial Inclusion, Financial Concern And Performance In Msmes In East Java. *Uncertain Supply Chain Management*, 11(4), 1745-1758.
- Suen, J. B. M. Z. S. (2019). Ageing And Downward Mobility In Later Life: The Negotiation Of Life Chances By Vulnerable Older Persons In Singapore (Doctoral Dissertation).
- Sukmawati, S. (2023). Development Of Quality Instruments And Data Collection Techniques. *Jurnal Pendidik And An Pengajaran Guru Sekolahdasar* (*Jppguseda*), 6(1), 119-124.
- Sürücü, L., & Maslakci, A. (2020). Validity And Reliability In Quantitative Research. *Business & Management Studies: An International Journal*, 8(3), 2694-2726.
- Surya, B., Menne, F., Sabhan, H., Suriani, S., Abubakar, H., & Idris, M. (2021). Economic Growth, Increasing Productivity Of Smes, And Open Innovation. *Journal Of Open Innovation: Technology, Market, And Complexity*, 7(1), 20.
- Sydow, J., Schreyögg, G., & Koch, J. (2020). On The Theory Of Organizational Path Dependence: Clarifications, Replies To Objections, And Extensions. *Academy Of Management Review*, 45(4), 717-734.
- Thabani, M., & Richard, E. K. M. (2020). Factors That Affect Tax Compliance Among Small And Medium Enterprises (Smes) In Lusaka, Zambia. *Journal Of Accounting*, 3(1), 1-14.
- Thaher, L. M., Radieah, N. M., & Wan Norhaniza, W. H. (2021). The Effect Of Microfinance Services On Women Entrepreneurship: A Case Study In

- Jordan. The Journal Of Asian Finance, Economics And Business, 8(5), 807-815.
- Tiamiyu, O. M. (2022). The Impending Battle For The Soul Of ODR: Evolving Technologies And Ethical Factors Influencing The Field. *Cardozo Journal Of Conflict Resolution.*, 23(5), 75.
- Utami, K. (2022). Analysis Of Msmes Interest In Services Banking, Fintech And Cooperative. *Quality-Access To Success*, 23(187).
- Vijaya, G. S., Prabhu, D., Sandhya, M., & Aldehayyat, J. (2023). Financial Inclusion:
  An Assessment Of Progress Via Rural Banking System And Way Forward.
  In *The Sustainable Fintech Revolution: Building A Greener Future For Finance* (Pp. 56-85). IGI Global.
- Von Solms, J. (2021). Integrating Regulatory Technology (Regtech) Into The Digital Transformation Of A Bank Treasury. *Journal Of Banking Regulation*, 22, 152-168.
- Wellman, M. L., Stoldt, R., Tully, M., &Ekdale, B. (2020). Ethics Of Authenticity: Social Media Influencers And The Production Of Sponsored Content. *Journal Of Media Ethics*, *35*(2), 68-82.
- Wiggins, R. Z., Hoffner, B., Feldberg, G., & Metrick, A. (2023). Central Bank Foreign Currency Swaps And Repo Facilities Survey. *Journal Of Financial Crises*, 5(1), 25-111.
- Wójcik, D., & Ioannou, S. (2020). COVID-19 And Finance: Market Developments So Far And Potential Impacts On The Financial Sector And Centres. *Tijdschriftvooreconomischeensocialegeografie*, *111*(3), 387-400.
- Wulandari, P., & Prijadi, R. (2021). A Review Of Risk Rationing Practice In Islamic Microfinance To Achieve Sustainable Development Goals In Term Of Poverty

- In Indonesia. In *IOP Conference Series: Earth And Environmental Science* (Vol. 716, No. 1, P. 012107). IOP Publishing.
- Yahaya, A. A. (2021). Impact Of Microfinance Bank Services On The Performance Of Small And Medium Scale Businesses In North-Central Nigeria (Doctoral Dissertation, Kwara State University (Nigeria)).
- Yeo, R. K. (2008). Servicing Service Quality In Higher Education: Quest For Excellence. *On The Horizon*, 16(3), 152-161.
- Yerima, S. E., Gambo, E. M. J., & Umar, K. (2022). Impact Of Microfinance Institutions On Small And Medium Enterprises (Smes) Growth In Taraba. TSU-International Journal Of Accounting And Finance, 1(3), 151-168.
- Yıldırım, D., & Çelik, A. K. (2021). Testing The Pecking Order Theory Of Capital Structure: Evidence From Turkey Using Panel Quantile Regression Approach. *Borsa Istanbul Review*, 21(4), 317-331.
- Yusufu, O. S., Suleiman, O., & Saliu, H. T. (2020). Effect Of Micro Finance Bank On The Growth Of Small And Medium Enterprises In Nigeria. *KIU Interdisciplinary Journal Of Humanities And Social Sciences*, 1(2), 127-142.
- Yusufu, O. S., Suleiman, O., &Saliu, H. T. (2020). Effect Of Micro Finance Bank On The Growth Of Small And Medium Enterprises In Nigeria. *KIU Interdisciplinary Journal Of Humanities And Social Sciences*, 1(2), 127-142.
- Zetzsche, D. A., Arner, D. W., Buckley, R. P., & Kaiser-Yücel, A. (2020). Fintech Toolkit: Smart Regulatory And Market Approaches To Financial Technology Innovation. *University Of Hong Kong Faculty Of Law Research Paper*, (2020/027).