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Financial Inclusion and the Digitalization of Indian Economy

Abhishek Kumar Sharma

Research Scholar, University Department of Commerce, Munger University, Munger

ABSTRACT

Financial inclusion is an essential avenue for promoting economic development, defined as the provision of inexpensive, accessible, and effective financial services to marginalized groups, especially in low-income and rural regions. Advancing financial inclusiveness via fintech requires a holistic strategy that integrates technical innovation, regulatory reform, and proactive involvement with marginalized communities. The report emphasizes the significance of fintech in promoting financial inclusion, which has become a vital element in closing the divide between formal financial services and marginalized communities, especially in emerging nations.

This research study intends to analyse the influence of digital innovations on financial inclusion in India. Digital technologies, including mobile banking, fintech solutions, and digital payment systems, has the capacity to transform financial services and enhance access for disadvantaged rural populations. The analysis underscores the importance of Aadhaar in enhancing financial inclusion throughout the economy. Recommendations for policymakers are provided to expedite financial inclusion in the nation, based on the study's findings.

Keywords: *Mobile Banking, Economic Development, Emerging Nations, Financial Inclusion, Regulatory Reform*

Introduction

This research primarily examines the influence of digital finance on the dependability and stability of the financial system. Financial institutions, governmental bodies, and regulatory agencies consistently advocate for financial inclusion via digital platforms. Nonetheless, despite extensive promotional activities, digital financial inclusion is not advancing as anticipated owing to consumer ideology, which constitutes a significant obstacle to the realization of an e-commerce-enabled economy or financial inclusion. This article aimed to evaluate the effectiveness of different programs and efforts and to identify consumer ideologies that impede digital financial inclusion. The proliferation of e-commerce has led to an increase in the availability of digital financial services for companies and consumers. Non-profit organizations are progressively providing services such as electronic payments, credit financing, and insurance at the point of sale, a trend referred to as E-commerce Enabling Financial Inclusion or Digital Financial Inclusion. The Government of India has always stressed financial inclusion in its economic policies. Initiatives such as Jan Dhan, Aadhaar-Mobile, and Digital India have transformed the landscape by providing India's underbanked people with equitable and affordable access to financial services, hence reducing income inequality. E-commerce has effectively generated demand for digital financial products and services among microenterprises and people at the lower economic strata. The recent advancements in both public and private sectors have propelled India's digital financial inclusion. Between 2014 and 2017, the proportion of adult Indians with financial institution accounts increased from 52.8 percent to 79.8 percent (Source: Global Findex, 2017).

Background of Financial Inclusion in India

India's journey towards financial inclusion gained momentum with the introduction of various governmental initiatives aimed at bridging the gap between the banked and unbanked population. The launch of the Pradhan Mantri Jan Dhan Yojana (PMJDY) in August 2014 marked a significant milestone in this endeavour. Under PMJDY, banks were tasked with providing universal access to banking facilities, including savings and deposit accounts, to all households in the country.

Definition and Importance of Financial Inclusion

Financial inclusion is not merely about opening bank accounts; it encompasses a broader objective of ensuring that individuals and businesses have access to a range of financial services such as credit, insurance, and digital payments. It is recognized as a critical enabler of socio-economic development as it empowers marginalized sections of society by providing them with the means to save, invest, and protect themselves against financial shocks (Demirguc-Kunt & Klapper, 2012).

Statement of the Problem

Despite concerted efforts to promote financial inclusion, challenges persist in ensuring universal access to financial services across India. While significant strides have been made in increasing the number of bank accounts opened, there remains a gap in the utilization of these accounts and access to other financial products and services, particularly in rural and remote areas (Kumar & Kumari, 2014).

Methodology

Adopting a mixed-method approach, this research combines qualitative and quantitative methods to offer a comprehensive analysis of the impact of digital payments on financial inclusion. Secondary data from academic literature, government reports, and financial records. will be used to analyse which will , provide a quantitative assessment of the impact of digital payments on financial inclusion.

The Transformation of Digital Payments in India

Several significant advancements have revolutionised the digital payments ecosystem in India. The implementation of the Unified Payments Interface (UPI) by the National Payments Corporation of India in 2016 was a noteworthy achievement. The introduction of UPI enabled instantaneous and real-time transfers between banks using a mobile platform, fundamentally transforming the manner in which Indians interact with financial services. The system's widespread adoption may be attributed to its user-friendly interface, robust security measures, and impressive processing speed, which have played a pivotal role in driving the expansion of digital payment services in India.

Notwithstanding these progressions, obstacles endure, especially in rural regions where a deficiency of infrastructure, digital literacy, and knowledge about digital payment systems impede extensive usage. The disparity in access to digital payment systems between urban and rural areas continues to be a substantial obstacle to achieving widespread adoption (Ozili, 2020).

Importance of financial technology in India from the perspective of financial inclusion

In order to foster economic growth and alleviate poverty, it is vital to ensure that financial services are easily accessible and distributed in a fair manner. This concept is known as "financial inclusion." According to the policy objective of the Indian government and the Reserve Bank of India (RBI), the inclusion of financial services has been elevated to the highest priority. When it comes to integrating millions of financially excluded Indians into the regulated banking system, the execution of several initiatives, such as the Pradhan Mantri Jan Dhan Yojana (PMJDY), which was begun in 2014, has played a particularly important role. According to the Ministry of Finance of the Government of India (2021), the initiative made it possible to introduce bank accounts that did not require a minimum balance, RuPay debit cards, and an overdraft option. As a result, the availability of financial services was significantly increased. Through its contributions to the advancement of financial inclusion, the fintech industry in India has been essential. The novel solutions that have been developed by fintech companies are especially geared to suit the requirements of persons who do not have access to traditional banking services or who have restricted access to such services. As a result of the advent of fintech companies that offer payment solutions, lending platforms, and insurance services, conventional banking models have been revolutionised, which has resulted in an increase in the accessibility and affordability of financial services (Ali, Khan, & Khan, 2022; Ashish & Kumar 2122).

Financial Inclusion Initiatives in India

Financial inclusion initiatives in India have been instrumental in expanding access to banking services and promoting inclusive growth across the country.

- **Overview of Key Initiatives** The Pradhan Mantri Jan Dhan Yojana (PMJDY), launched in 2014, stands out as a flagship initiative aimed at ensuring universal access to banking facilities. By January 2015, over 125 million bank accounts were opened under PMJDY, marking a significant step towards achieving financial inclusion goals (Reserve Bank of India, 2015). Additionally, initiatives such as the Swabhimaan campaign and the National Rural Livelihoods Mission (NRLM) have played crucial roles in extending banking services to remote and underbanked areas.
- **Penetration and Reach of Banking Services** Data from the Reserve Bank of India (RBI) indicate a steady increase in the penetration of banking services across both rural and urban areas. As of 2015, approximately 58% of the rural population and 68% of the urban population had access to banking services (Reserve Bank of India, 2015). This expansion of banking infrastructure has facilitated greater financial inclusion and improved access to formal credit and savings facilities.

Table:1 Payment System Indicators

S.no.	Indicators	2018-19	2019-20	2020-21
1.	Large value credit transfers- RTGS (₹ lakh crore)	1,356.88	1,311.56	1,056.00
2.	Credit transfers through NEFT (₹ lakh crore)	227.94	229.46	251.31
3.	IMPS (₹ lakh crore)	15.90	23.38	29.41
4.	Credit transfer through UPI (₹ lakh crore)	8.77	21.32	41.04
5.	BHIM Aadhaar pay (₹ crore)	815	1,303	2,580
6.	Payment Through debit/credit cards (₹ lakh crore)	11.97	14.35	12.94
7.	Total digital payments (₹ lakh crore)	1,637.13	1,620.89	1414.85
8.	Total digital payments (volume in lakh)	2,32,602	3,41,240	4,37,118

Source: Annual Report of RBI, FY 2020-21

- **Access to Credit Facilities** One of the key objectives of financial inclusion initiatives is to enhance access to credit facilities, particularly for small and marginalized borrowers. The total credit disbursement by scheduled commercial banks in India increased from INR 44.78 trillion in 2014-15 to INR 57.18 trillion till Dec 2015, reflecting the growing availability of credit to various sectors of the economy (Reserve Bank of India, 2015).

In recent years, there has been a significant push towards digitization of financial services to enhance accessibility and efficiency. Initiatives such as the Aadhaar-enabled Payment System (AePS) and the Unified Payments Interface (UPI) have facilitated greater participation in the formal financial system. By December 2015, over 500 million Aadhaar numbers had been issued, enabling individuals to access various financial services seamlessly (Reserve Bank of India, 2015).

Conclusion

Financial inclusion is essential for economic progress since it promotes savings, therefore establishing a foundation for the resources of the financial system. Financial inclusion safeguards the financial assets and other resources of low-income individuals by integrating them into the official banking system. It also protects impoverished individuals from exploitation by moneylenders in distant regions. Government initiatives have facilitated development and demand, advancing financial inclusion via digitalization across many regions, including rural and remote areas. Financial inclusion has emerged as a primary objective for the RBI, government, and relevant agencies, resulting in many initiatives and considerable advancements over the years. Significant initiatives and endeavors undertaken by the government and development sector, including Jan-Dhan Yojana, Aadhaar, direct benefit transfer, RuPay, demonetization, GST, licensing of new banking institutions, payments banks, small finance and microfinance banks, as well as the proliferation of the internet, smartphones, and fintech, have served as pivotal milestones in the advancement of Digital Financial Inclusion.

Recommendations

To enhance the efficacy of financial inclusion measures, authorities must implement a comprehensive strategy that tackles the many dimensions of financial exclusion. Governments and authorities should promote rural areas to accelerate and synchronize the development of e-models that meet the needs of micro-enterprises at the base of the economic pyramid by improving connectivity and infrastructure, maintaining suitable regulations, and incentivizing remote areas to expedite and coordinate digital financial services.

Facilitate the transition from cash to digital methodologies. Facilitate the incorporation of micro-merchants into formal e-commerce platforms by increasing demand. A digital skills and training program should be implemented. The advantages of economic advancement may be enhanced by digital financial inclusion. It would not only reduce the expenses of financial services but also address concerns over data security and accuracy in financial transactions.

References

1. Ahmad, M., Majeed, A., Khan, M. A., Sohaib, M., & Shehzad, K. (2021). Digital financial inclusion and economic growth: Provincial data analysis of China. China Economic Journal, 14(3), 291-310.
2. Alam, S., Imran, M., Aljumah, F., & Alshammari, T. (2020). Exploring the barriers to adoption of fintech in emerging economies: A systematic literature review. International Journal of Information Management, 54, 102170.
3. Arun, T., & Hulme, D. (2011). Microfinance: A reader. Routledge.
4. Bachas, P., Gertler, P., Higgins, S., & Seira, E. (2018, May). Digital financial services go a long way: Transaction costs and financial inclusion. In AEA Papers and Proceedings (Vol. 108, pp. 444-48).
5. Chakraborty, D., Moulik, S., & Ray, P. K. (2021). Digital finance for inclusive growth: Conceptual framework and research agenda. Journal of Economic Surveys, 35(3), 846-880.
6. Davis, F. D. (1989). Perceived usefulness, perceived ease of use, and user acceptance of information technology. MIS Quarterly, 13(3), 319-340.
7. Demirgüç-Kunt, A., & Klapper, L. (2012). Financial inclusion in Africa: An overview. World Bank Policy Research Working Paper No. 6088.
8. Devi, Shalini (2023), "Progress and Challenges in Digitalisation of Financial Inclusion: The Indian Context", Anusandhan - NDIM's Journal of Business and Management Research, Vol 5 (2), pp 60-71, ISSN:2581-8120.
9. Donner, J., & Tellez, C. A. (2008). Mobile banking and economic development: Linking adoption, impact, and use. Asian Journal of Communication, 18(4), 318-322.
10. Malladi, C. M., Soni, R. K., & Srinivasan, S. (2021). Digital financial inclusion: next frontiers—challenges and opportunities. CSI Transactions on ICT, 9(2), 127-134.
11. Ozili, P. K. (2018). Impact of digital finance on financial inclusion and stability. Borsa Istanbul Review, 18(4), 329-340.