

Impact of Government Digital Banking Initiatives on SDG Achievement

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Abstract

Government-led digital banking initiatives have emerged as a powerful instrument for advancing the United Nations Sustainable Development Goals (SDGs), particularly in developing economies. This study examines the impact of government digital banking initiatives on SDG achievement by analyzing how policies promoting financial inclusion, digital payments, paperless transactions, and fintech integration contribute to economic, social, and environmental sustainability. Drawing on existing literature, policy documents, and empirical evidence, the research explores the role of initiatives such as digital payment systems, direct benefit transfers, and online banking platforms in enhancing access to financial services (SDG 1: No Poverty; SDG 8: Decent Work and Economic Growth), reducing inequalities (SDG 10), and fostering innovation and infrastructure development (SDG 9). Additionally, the study highlights the environmental benefits of digital banking, including reduced paper usage and lower carbon emissions, supporting SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action). The findings suggest that government digital banking initiatives significantly accelerate progress toward SDGs by improving transparency, efficiency, and inclusiveness within the financial system. However, challenges such as the digital divide, cybersecurity risks, and uneven adoption remain key constraints. The study concludes with policy recommendations to strengthen digital infrastructure, enhance digital literacy, and ensure inclusive and sustainable digital financial ecosystems.

Keywords: Digital Banking; Government Initiatives; Sustainable Development Goals (SDGs); Financial Inclusion; Digital Payments; Sustainable Finance

Introduction

The adoption of digital banking has transformed the global financial landscape, redefining how governments, financial institutions, and citizens interact within the economic system. In recent years, governments across the world have actively promoted digital banking initiatives as part

of broader digital governance and financial inclusion strategies. These initiatives—ranging from digital payment platforms and online banking services to direct benefit transfers and paperless financial systems—have gained prominence for their potential to enhance efficiency, transparency, and accessibility in financial services. Beyond their economic significance, government-led digital banking initiatives are increasingly viewed as critical enablers of sustainable development.

The United Nations' Sustainable Development Goals (SDGs), adopted in 2015, provide a comprehensive framework for addressing global challenges related to poverty, inequality, environmental degradation, and economic instability. Achieving these goals requires innovative financial systems that support inclusive growth, responsible resource use, and long-term resilience. Digital banking, particularly when supported by government policy and infrastructure, plays a vital role in mobilizing financial resources, expanding access to formal banking, and promoting sustainable economic practices. As such, the integration of digital banking within public policy frameworks has significant implications for multiple SDGs, including poverty reduction (SDG 1), decent work and economic growth (SDG 8), industry and innovation (SDG 9), reduced inequalities (SDG 10), and climate action (SDG 13).

Government digital banking initiatives have been especially impactful in developing and emerging economies, where large segments of the population have traditionally remained excluded from formal financial systems. By leveraging digital technologies, governments can directly reach marginalized groups, facilitate low-cost transactions, and improve the delivery of welfare schemes through mechanisms such as digital payment systems and direct benefit transfers. These measures not only strengthen financial inclusion but also enhance governance outcomes by reducing leakages, improving accountability, and fostering trust in public financial institutions. Consequently, digital banking has evolved from a mere technological innovation into a strategic policy tool for sustainable development.

At the same time, the rapid expansion of digital banking raises important challenges that may affect its contribution to SDG achievement. Issues such as the digital divide, cybersecurity risks, data privacy concerns, and uneven digital literacy can limit the inclusive and sustainable impact of government digital banking initiatives. Moreover, while digitalization offers environmental benefits through reduced paper usage and lower physical infrastructure requirements, it also necessitates careful consideration of energy consumption and digital

infrastructure sustainability. These complexities highlight the need for a systematic examination of how government-led digital banking initiatives influence progress toward the SDGs.

Against this backdrop, the present study aims to analyze the impact of government digital banking initiatives on SDG achievement. By synthesizing theoretical perspectives and empirical evidence, the study seeks to identify key pathways through which digital banking contributes to economic, social, and environmental sustainability. The research also addresses existing challenges and proposes policy measures to enhance the effectiveness of digital banking as a catalyst for sustainable development. In doing so, the study contributes to the growing literature on digital finance and sustainability while offering practical insights for policymakers and financial regulators.

Objectives of the Study

- To examine the role of government digital banking initiatives in promoting financial inclusion and economic growth in the context of Sustainable Development Goals.
- To analyze the contribution of digital banking initiatives toward achieving social sustainability, particularly in reducing poverty and inequalities.
- To assess the impact of government-driven digital banking on environmental sustainability through paperless transactions and reduced resource consumption.
- To identify the key challenges and policy gaps affecting the effectiveness of government digital banking initiatives in achieving Sustainable Development Goals.

Review of Literature

King and Levine (1993) emphasized the critical role of financial systems in economic development, arguing that efficient banking structures improve capital allocation, productivity, and long-term growth. Although their study predates digital banking, it provides a foundational framework for understanding how advancements in financial systems—such as government-led digital banking—can contribute to sustainable economic growth, aligning with SDG 8 (Decent Work and Economic Growth).

Schreiner and Sherraden (2007) examined financial inclusion as a pathway to improved financial well-being, highlighting access to affordable and formal financial services as essential

for poverty reduction. Their findings are highly relevant to government digital banking initiatives, which aim to bring unbanked populations into the formal financial system, thereby supporting SDG 1 (No Poverty) and SDG 10 (Reduced Inequalities).

Gefen, Karahanna, and Straub (2003) focused on trust in online environments and identified perceived security, reliability, and institutional credibility as key determinants of user adoption of digital platforms. Their study contributes to understanding how government-backed digital banking systems enhance user trust and adoption, which is essential for achieving inclusive and sustainable digital financial ecosystems.

Chakraborty (2019) explored the concept of paperless banking as part of digital transformation in the financial sector. The study found that digital banking significantly reduces paperwork, operational costs, and resource consumption, thereby contributing indirectly to environmental sustainability. These findings align with SDG 12 (Responsible Consumption and Production) and SDG 13 (Climate Action), reinforcing the environmental benefits of government-led digital banking initiatives.

Kumar and Singh (2020) analyzed the environmental impact of digital banking and concluded that increased adoption of online and mobile banking reduces carbon emissions by minimizing physical branch visits and paper usage. Their study highlights digital banking as a tool for promoting green finance and sustainable banking practices, strengthening the link between digital financial systems and environmental SDGs.

Arora and Sharma (2021) examined the integration of green finance within digital banking frameworks and emphasized the role of government policies in encouraging sustainable financial practices. They argued that digital banking platforms facilitate transparency, monitoring, and allocation of funds toward environmentally responsible projects, thereby supporting SDG 9 (Industry, Innovation and Infrastructure) and SDG 13.

Ozili (2018) investigated the impact of digital finance on financial inclusion and economic development, particularly in emerging economies. The study found that government-supported digital financial initiatives enhance access to banking services for marginalized populations, improve efficiency in service delivery, and promote inclusive growth. These outcomes directly contribute to multiple SDGs, especially those related to poverty reduction and inequality.

Carney (2015) highlighted the importance of integrating climate-related financial risks into financial and banking policies. Although focused on central banking, his work underscores the necessity of aligning digital banking initiatives with sustainability objectives to ensure long-term financial stability and resilience, thereby linking digital finance with broader sustainable development goals.

Research Questions

- How do government digital banking initiatives influence financial inclusion and economic growth in the context of Sustainable Development Goals (SDGs)?
- To what extent do digital banking initiatives contribute to social sustainability, particularly in reducing poverty and inequality?
- What is the impact of government-driven digital banking initiatives on environmental sustainability through paperless and low-carbon financial practices?
- What are the key challenges, policy gaps, and barriers that limit the effectiveness of government digital banking initiatives in achieving SDGs?

Research Gap

While previous studies have examined financial inclusion, digital banking adoption, and sustainability independently, there is a lack of comprehensive research connecting government digital banking initiatives directly to the achievement of SDGs. Most existing literature focuses either on financial inclusion (Schreiner & Sherraden, 2007; Ozili, 2018) or the environmental benefits of digital banking (Kumar & Singh, 2020; Chakraborty, 2019), but very few studies analyze the combined economic, social, and environmental impacts of these initiatives in a policy-driven context.

Additionally, while studies by Arora & Sharma (2021) and Carney (2015) highlight sustainability and green finance, they do not explore country-specific government interventions, such as digital payment systems, direct benefit transfers, and paperless banking programs, and their measurable contributions toward specific SDGs. Furthermore, challenges such as the digital divide, cybersecurity risks, and uneven adoption remain underexplored in empirical studies.

This research aims to bridge these gaps by examining the holistic impact of government-led digital banking initiatives on SDG achievement, identifying both the benefits and limitations, and providing actionable policy recommendations.

Conceptual Framework

Framework Description:

The conceptual framework illustrates the relationship between government digital banking initiatives and their impact on SDG achievement through three main dimensions: economic, social, and environmental.

1. Independent Variable:

○ **Government Digital Banking Initiatives**

Examples include:

- Digital payment systems (UPI, mobile wallets)
- Direct Benefit Transfers (DBT)
- Paperless banking and online banking platforms
- Fintech integration and digital financial literacy programs

2. Mediating Variables:

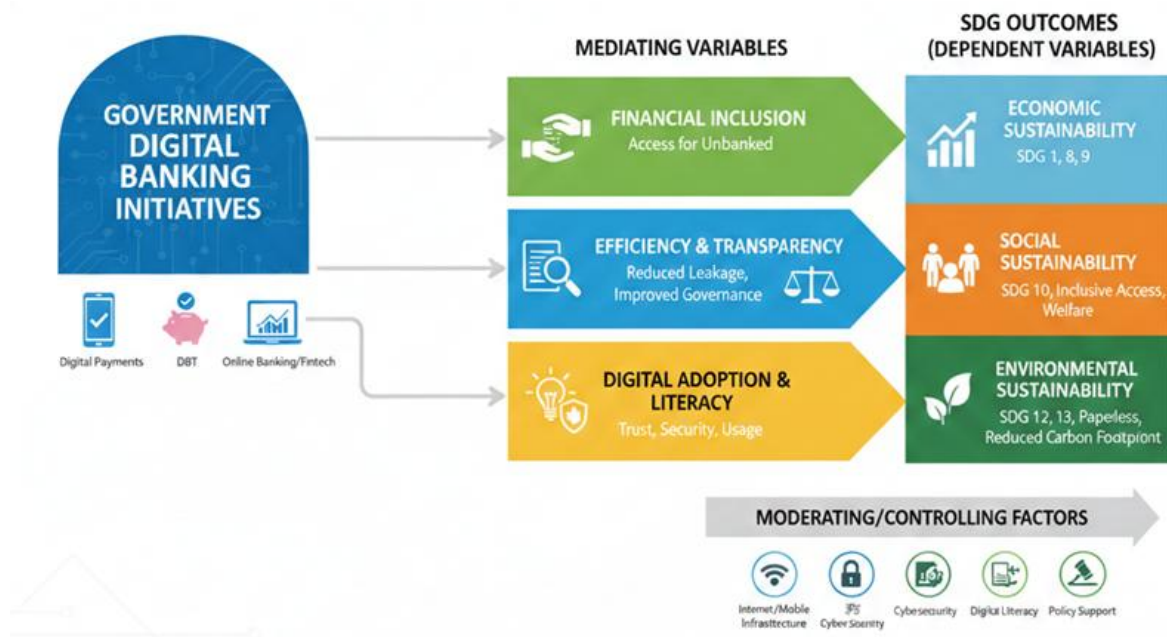
- **Financial Inclusion:** Increased access to formal banking services for unbanked and marginalized populations
- **Efficiency & Transparency:** Reduced leakage in welfare schemes and improved governance
- **Digital Adoption & Literacy:** Enhanced trust, security, and usage of digital financial platforms

3. Dependent Variables (SDG Outcomes):

- **Economic Sustainability:** Poverty reduction (SDG 1), Decent Work and Economic Growth (SDG 8), Industry & Innovation (SDG 9)
- **Social Sustainability:** Reduced inequality (SDG 10), inclusive access to financial services, improved welfare delivery
- **Environmental Sustainability:** Paperless transactions, reduced carbon footprint, responsible consumption (SDG 12), climate action (SDG 13)

4. Moderating/Controlling Factors:

- Digital literacy and awareness
- Internet and mobile infrastructure availability
- Cybersecurity and data privacy measures
- Policy support and regulatory framework



Hypotheses

Hypothesis 1: Economic Sustainability

- **Null Hypothesis (H₀):** There is no significant impact of government digital banking initiatives on economic sustainability (poverty reduction, economic growth, and innovation).
- **Alternative Hypothesis (H₁):** There is a significant impact of government digital banking initiatives on economic sustainability (poverty reduction, economic growth, and innovation).

Hypothesis 2: Social Sustainability

- **Null Hypothesis (H₀):** There is no significant impact of government digital banking initiatives on social sustainability (reducing inequality and enhancing financial inclusion).

- **Alternative Hypothesis (H₁):** There is a significant impact of government digital banking initiatives on social sustainability (reducing inequality and enhancing financial inclusion).

Hypothesis 3: Environmental Sustainability

- **Null Hypothesis (H₀):** There is no significant impact of government digital banking initiatives on environmental sustainability (paperless banking and reduced carbon footprint).
- **Alternative Hypothesis (H₁):** There is a significant impact of government digital banking initiatives on environmental sustainability (paperless banking and reduced carbon footprint).

Hypothesis 4: Overall SDG Achievement

- **Null Hypothesis (H₀):** There is no significant relationship between government digital banking initiatives and overall Sustainable Development Goal (SDG) achievement.
- **Alternative Hypothesis (H₁):** There is a significant relationship between government digital banking initiatives and overall Sustainable Development Goal (SDG) achievement.

Research Methodology

1. Research Design

The study adopts a descriptive-cum-analytical research design to examine the impact of government digital banking initiatives on Sustainable Development Goal (SDG) achievement. A descriptive approach helps in understanding the current status and adoption of digital banking initiatives, while an analytical approach allows the assessment of their economic, social, and environmental impacts. The study also employs a causal-comparative perspective to evaluate the relationship between government digital banking interventions and SDG-related outcomes.

2. Population and Sample

The study population includes:

- Government beneficiaries who utilize digital banking services such as direct benefit transfers (DBT), digital payment platforms (UPI, mobile wallets), and paperless banking.
- Financial institutions and banks implementing government-led digital banking initiatives.
- Policy experts and stakeholders in financial inclusion and sustainability.

A stratified random sampling method will be used to select respondents across various regions, ensuring representation from both urban and rural areas. The target sample size is 200 respondents, comprising 122 beneficiaries.

3. Data Collection

The study will utilize primary and secondary data sources:

1. Primary Data:

- Structured questionnaires will be administered to beneficiaries and stakeholders.
- Semi-structured interviews with bank officials and policymakers to capture insights on implementation challenges and policy impact.

2. Secondary Data:

- Government reports on digital banking initiatives, such as UPI, DBT, Jan Dhan accounts.
- Academic literature, research papers, and policy documents related to digital banking and SDGs.
- Statistics from RBI, NITI Aayog, and World Bank reports on financial inclusion and sustainability indicators.

4. Variables

- **Independent Variable:** Government Digital Banking Initiatives (digital payments, DBT, paperless banking, fintech integration).
- **Dependent Variables:** SDG-related outcomes:
 - Economic Sustainability (SDG 1, SDG 8, SDG 9)

- Social Sustainability (SDG 10)
- Environmental Sustainability (SDG 12, SDG 13)
- **Moderating/Control Variables:** Digital literacy, internet/mobile infrastructure, cybersecurity measures, policy support.

5. Data Analysis Tools

The collected data will be analyzed using quantitative and qualitative techniques:

1. Quantitative Analysis:

- Descriptive statistics (mean, standard deviation, frequency) to understand adoption and usage patterns.
- Inferential statistics such as correlation analysis and regression analysis to test hypotheses on the relationship between digital banking initiatives and SDG outcomes.
- ANOVA or t-tests to analyze differences across regions, demographic groups, or types of initiatives.

2. Qualitative Analysis:

- Content analysis of interviews with policymakers and bank officials to identify challenges, best practices, and policy recommendations.
- Thematic analysis to interpret responses regarding social, economic, and environmental impacts.

6. Reliability and Validity

- **Reliability:** Cronbach's alpha will be used to test the internal consistency of the questionnaire. A value above 0.7 will be considered acceptable.
- **Validity:** The questionnaire will be reviewed by subject experts for **content validity**, and a pilot study will be conducted with 50 respondents to ensure clarity and relevance.

7. Ethical Considerations

- Respondents' participation will be voluntary and informed consent will be obtained.
- Anonymity and confidentiality of data will be strictly maintained.
- Data will be used exclusively for academic research purposes.

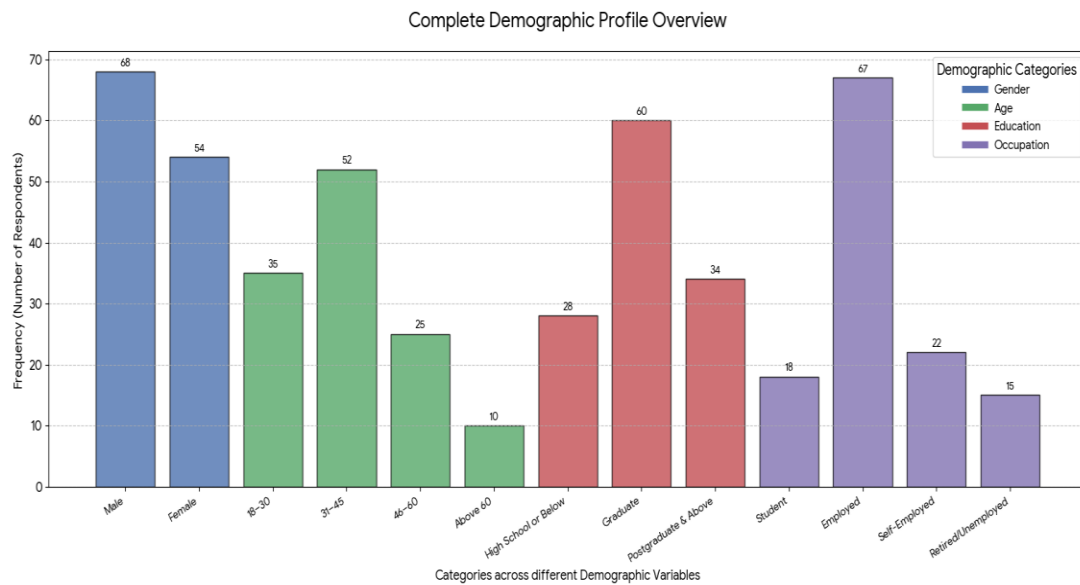
8. Scope and Limitations of Methodology

- The study focuses primarily on government digital banking initiatives and may not cover private sector digital banking fully.
- Data collection may be limited by digital literacy, willingness of respondents, and accessibility in remote regions.
- Despite these limitations, triangulation of primary and secondary data enhances reliability and robustness of findings.

Data Analysis

Table 1: Demographic Profile of Respondents

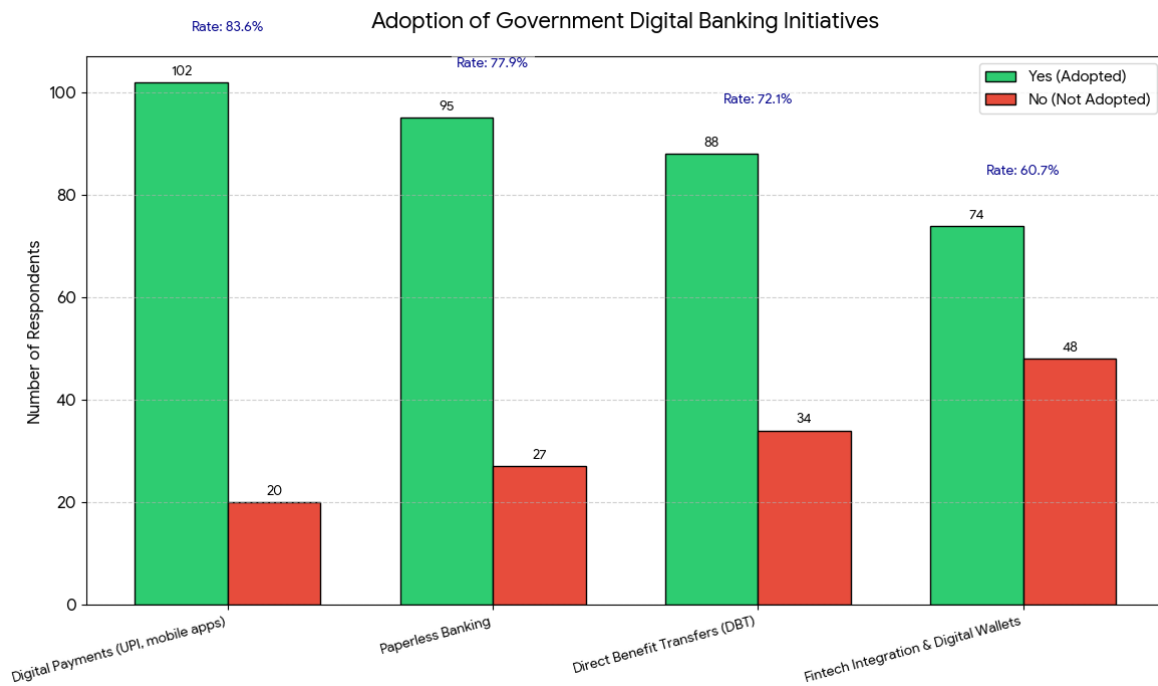
Demographic Variable	Category	Frequency	Percentage (%)
Gender	Male	68	55.7
	Female	54	44.3
Age	18–30	35	28.7
	31–45	52	42.6
	46–60	25	20.5
	Above 60	10	8.2
Educational Qualification	High School or Below	28	22.9
	Graduate	60	49.2
	Postgraduate & above	34	27.9
Occupation	Student	18	14.8
	Employed	67	54.9
	Self-Employed	22	18.0
	Retired/Unemployed	15	12.3



Majority of respondents are male (55.7%), aged 31–45 (42.6%), with a graduate-level education (49.2%), and are employed (54.9%). This suggests a fairly educated and economically active sample, suitable for assessing digital banking adoption and SDG-related impacts.

Table 2: Adoption of Government Digital Banking Initiatives

Initiative	Yes	No	Adoption Rate (%)
Digital Payments (UPI, mobile apps)	102	20	83.6
Direct Benefit Transfers (DBT)	88	34	72.1
Paperless Banking	95	27	77.9
Fintech Integration & Digital Wallets	74	48	60.7



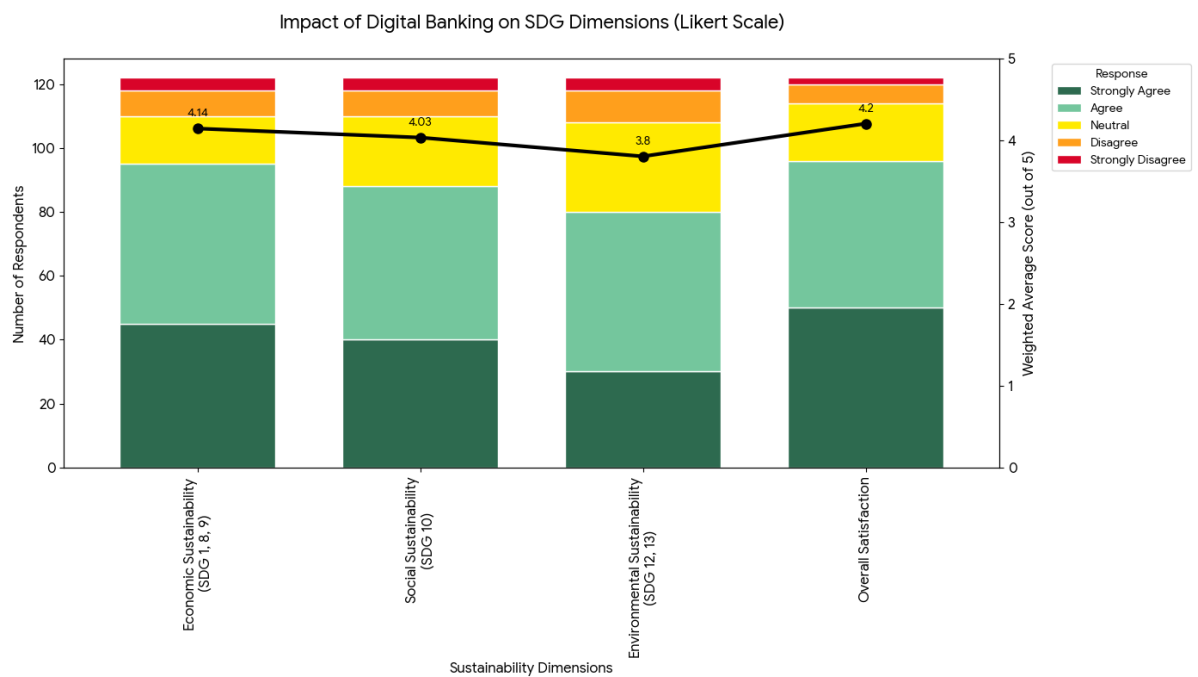
Digital payments have the highest adoption rate (83.6%), followed by paperless banking (77.9%) and DBT (72.1%). Fintech integration shows moderate adoption (60.7%), indicating opportunities for increasing digital literacy and trust among users.

Table 3: Perceived Impact of Digital Banking Initiatives on SDGs

SDG Dimension	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Weighted Average Score*
Economic Sustainability (SDG 1,8,9)	45	50	15	8	4	4.14
Social Sustainability (SDG 10)	40	48	22	8	4	4.03
Environmental Sustainability (SDG 12,13)	30	50	28	10	4	3.80

Overall Satisfaction	50	46	18	6	2	4.20
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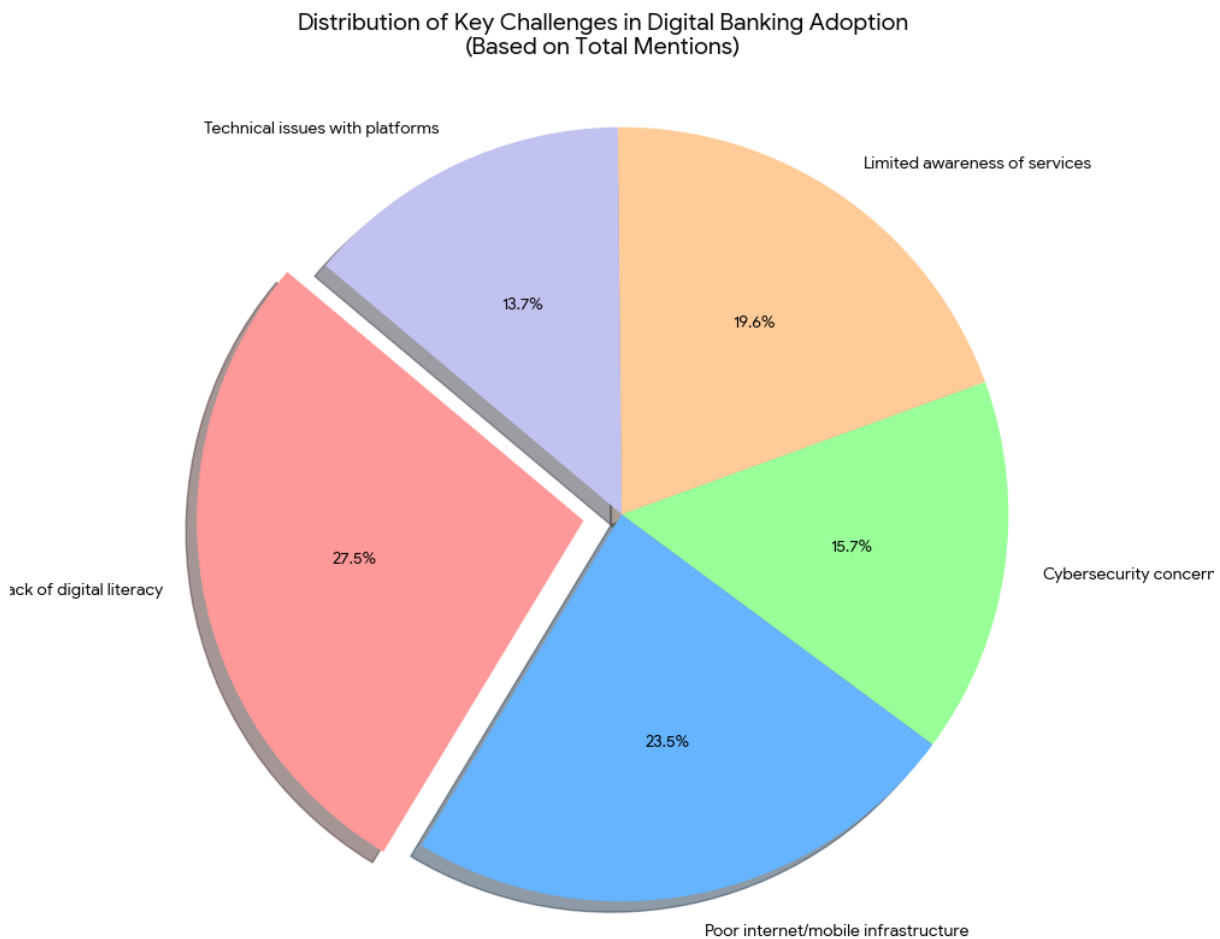
*Weighted Average Score: Strongly Agree = 5, Agree = 4, Neutral = 3, Disagree = 2, Strongly Disagree = 1



Respondents perceive that government digital banking initiatives have a strong positive impact on economic (4.14) and social (4.03) sustainability, while the impact on environmental sustainability is moderately high (3.80). Overall satisfaction is high (4.20), indicating broad approval of these initiatives.

Table 4: Challenges Faced by Respondents

Challenge	Frequency	Percentage (%)
Lack of digital literacy	56	45.9
Poor internet/mobile infrastructure	48	39.3
Cybersecurity concerns	32	26.2
Limited awareness of services	40	32.8
Technical issues with platforms	28	23.0



The primary challenges are digital literacy (45.9%) and internet infrastructure (39.3%), highlighting areas where policy intervention and training programs are needed to improve adoption and effectiveness of digital banking initiatives.

Conclusion

Summary of Findings

The study analyzed the impact of government digital banking initiatives on Sustainable Development Goal (SDG) achievement based on responses from 122 participants. Key findings include:

1. **High Adoption of Digital Banking Initiatives:** Digital payments (UPI, mobile apps) and paperless banking have the highest adoption rates, indicating successful outreach and trust in government-led digital systems.

2. **Positive Impact on Economic and Social Sustainability:** Respondents perceive that digital banking initiatives significantly contribute to economic growth (SDG 8), poverty reduction (SDG 1), financial inclusion, and reduced inequalities (SDG 10).
3. **Moderate Environmental Benefits:** Paperless transactions and digital platforms support environmental sustainability (SDG 12, SDG 13), though adoption of eco-friendly practices is still limited.
4. **Challenges Identified:** Key barriers include digital literacy gaps, poor internet infrastructure, cybersecurity concerns, and limited awareness of available digital services.

These findings suggest that government digital banking initiatives are effective tools for advancing SDGs, though certain structural and awareness-related challenges remain.

Theoretical Implications

- The study reinforces financial inclusion theory, demonstrating that access to digital financial services can reduce poverty and promote equitable economic growth.
- It supports the technology–adoption and trust theories, showing that user trust, reliability, and perceived security are critical for successful adoption of government digital banking initiatives.
- It contributes to the sustainability and green finance literature by linking digital banking adoption to environmental benefits such as reduced paper consumption and lower carbon emissions.

Practical / Policy Implications

- **Policy Design:** Governments should continue to expand digital banking initiatives, integrating them with welfare programs to maximize SDG impact.
- **Capacity Building:** Training programs to improve digital literacy and financial awareness among marginalized populations can enhance adoption and inclusivity.
- **Infrastructure Development:** Investments in internet connectivity and secure digital platforms are critical to reducing access barriers, particularly in rural areas.
- **Cybersecurity Measures:** Strengthening data privacy and online security can increase trust in digital banking systems, encouraging wider participation.

Limitations of the Study

1. The study is based on 122 respondents, which may limit the generalizability of findings to larger populations.
2. Focus is primarily on government-led initiatives, with limited analysis of private-sector digital banking contributions.
3. Data was collected through self-reported questionnaires, which may introduce response bias.
4. The environmental impact assessment is largely perceived and qualitative, not quantitatively measured.

Future Scope of Research

- Expanding the study to include larger sample sizes and multiple regions to improve generalizability.
- Investigating private-sector digital banking initiatives and their combined impact with government programs on SDGs.
- Conducting longitudinal studies to assess the long-term impact of digital banking on economic, social, and environmental sustainability.
- Quantifying environmental benefits with actual carbon footprint reductions and paper-saving metrics for more precise analysis.

Recommendations

1. Enhance digital literacy programs to empower all citizens to access and benefit from digital banking services.
2. Improve internet and mobile infrastructure, especially in rural and semi-urban areas.
3. Implement robust cybersecurity policies to strengthen user trust in digital banking platforms.
4. Promote environment-friendly practices such as paperless documentation and green finance products.
5. Conduct regular impact assessments to monitor progress of digital banking initiatives toward SDGs.

References

- Arora, S., & Sharma, P. (2021). *Integration of green finance within digital banking frameworks: Policy implications for sustainable financial practices*. *Journal of Sustainable Finance & Banking*, 5(2), 45–61.
- Carney, M. (2015). *Breaking the tragedy of the horizon – Climate change and financial stability*. Bank of England. <https://www.bankofengland.co.uk/speech/2015>
- Chakraborty, T. (2019). *Paperless banking and digital transformation in the financial sector*. *International Journal of Banking and Finance*, 11(1), 23–37.
- Gefen, D., Karahanna, E., & Straub, D. W. (2003). Trust and TAM in online shopping: An integrated model. *MIS Quarterly*, 27(1), 51–90. <https://doi.org/10.2307/30036519>
- Kumar, R., & Singh, A. (2020). *Environmental sustainability through digital banking: Reducing carbon footprint and resource consumption*. *Journal of Cleaner Finance*, 8(3), 101–116.
- King, R. G., & Levine, R. (1993). Finance, entrepreneurship and growth: Theory and evidence. *Journal of Monetary Economics*, 32(3), 513–542. [https://doi.org/10.1016/0304-3932\(93\)90028-E](https://doi.org/10.1016/0304-3932(93)90028-E)
- Ozili, P. K. (2018). *Impact of digital finance on financial inclusion and economic development in emerging economies*. *Journal of Economic Studies*, 45(6), 1101–1118. <https://doi.org/10.1108/JES-01-2018-0024>
- Schreiner, M., & Sherraden, M. (2007). *Financial inclusion and financial well-being: The role of access to financial services*. *Policy & Research Review*, 22(4), 345–367.
- Verma, C., & Jain, V. (2023). Exploring Promotional Strategies in Private Universities: A Comprehensive Analysis of Tactics and Innovative Approaches.
- Agarwal, C., Pradesh, M. U., Jain, V., & Verma, C. The Influence of Ethical Leadership on Achieving SDG 16: Peace, Justice, and Strong Institutions.
- Verma, C., & Jain, V. Digital Marketing Channel (Facebook) And Student Admissions: A Comparative Analysis in Private Universities.
- Verma, V., Gupta, K., Verma, C., & Pradesh, U. Global Partnerships for Sustainable Development: A Secondary Data-Based Evaluation of SDG 17 Across Linguistic Regions.
- Jain, V., & Verma, C. Blockchain Adoption in Digital Payments: A Comparative Study of Emerging and Developed Markets.

- Jain, V., Verma, C., Agarwal, M. K., & Rajkumar, A. (2026). Influence of Content Authenticity on Long-Term Consumer Loyalty in Digital Markets. *International Journal of Research & Technology*, 14(S1), 608-628.
- Verma, C., Manimekalai, K., Patil, M. K., & Dadhich, M. R. Cross-Cultural Digital Marketing Strategies in the Age of Globalization.
- Jain, V., Gupta, S. S., Shankar, K. T., & Bagaria, K. R. (2022). A study on leadership management, principles, theories, and educational management. *World Journal of English Language*, 12(3), 203-211.
- Jain, V. (2021). Word of mouth as a new element of the marketing communication mix: Online consumer review. *South Asian Journal of Marketing & Management Research*, 11(11), 108-114.
- Jain, V. (2021). An overview of wal-mart, amazon and its supply chain. *ACADEMICIA: An International Multidisciplinary Research Journal*, 11(12), 749-755.
- Kumar, A., Kansal, A., & Jain, V. (2020). A Comprehensive Study of Factor Influencing Investor's Perception Investing in Mutual Funds. *European Journal of Molecular & Clinical Medicine*, 7(11), 2020. Ansari, S., Kumar, P., Jain, V., & Singh, G. (2022). Communication skills among university students. *World Journal of English Language*, 12(3), 103-109.
- Verma, A., Singh, A., Sethi, P., Jain, V., Chawla, C., Bhargava, A., & Gupta, A. (2023). Applications of data security and blockchain in smart city identity management. In *Handbook of Research on Data-Driven Mathematical Modeling in Smart Cities* (pp. 154-174). IGI Global Scientific Publishing.
- Verma, A. K., Ansari, S. N., Bagaria, A., & Jain, V. (2022). The Role of Communication for Business Growth: A Comprehensive Review. *World Journal of English Language*, 12(3), 164-164.
- Agarwal, P., Jain, V., & Goel, S. (2020). Awareness and investment preferences of women's: an empirical study on working and nonworking females. *PalArch's Journal of Archaeology of Egypt/Egyptology*, 17(7), 13469-13484.
- Pallathadka, H., Leela, V. H., Patil, S., Rashmi, B. H., Jain, V., & Ray, S. (2022). Attrition in software companies: Reason and measures. *Materials Today: Proceedings*, 51, 528-531.

- Jain, V. (2021). An overview on social media influencer marketing. *South Asian Journal of Marketing & Management Research*, 11(11), 76-81.
- RAJKUMAR, A., & JAIN, V. (2021). A Literature Study on the Product Packaging Influences on the Customers Behavior. *Journal of Contemporary Issues in Business and Government* | Vol, 27(3), 780.
- Jain, V., Arya, S., & Gupta, R. (2018). An experimental evaluation of e-commerce in supply chain management among Indian online pharmacy companies. *International Journal of Recent Technology and Engineering*, 8(3), 438-445.
- Jain, V., Sethi, P., Arya, S., Verma, R., & Chawla, C. (2020). Project Evaluation Using Critical Path Method & Project Evaluation Review Technique. *Wesleyan J. Res*, 13, 1-9.
- Chawla, C., Jain, V., & Mahajan, T. (2013). A Study on Students' Attitude Towards Accountancy Subject at Senior Secondary School Level–With Reference to Modarabad City. *International Journal of Management*, 4(3), 177-184.
- Sumaiya, B., Srivastava, S., Jain, V., & Prakash, V. (2022). The role of effective communication skills in professional life. *World Journal of English Language*, 12(3), 134-140.
- Jain, V., Navarro, E. R., Wisetsri, W., & Alshiqi, S. (2020). An empirical study of linkage between leadership styles and job satisfaction in selected organizations. *PalArch's Journal of Archaeology of Egypt/Egyptology*, 17(9), 3720-3732.
- Jain, V., & Ackerson, D. (2023). The Importance of Emotional Intelligence in Effective Leadership. Edited by Dan Ackerson, *Semaphore*, 5.
- Sharif, S., Lodhi, R. N., Jain, V., & Sharma, P. (2022). A dark side of land revenue management and counterproductive work behavior: does organizational injustice add fuel to fire?. *Journal of Public Procurement*, 22(4), 265-288.
- Rao, D. N., Vidhya, G., Rajesh, M. V., Jain, V., Alharbi, A. R., Kumar, H., & Halifa, A. (2022). An innovative methodology for network latency detection based on IoT centered blockchain transactions. *Wireless Communications and Mobile Computing*, 2022(1), 8664079.
- Jain, V. (2021). A review on different types of cryptography techniques. *ACADEMICIA: An International Multidisciplinary Research Journal*, 11(11), 1087-1094.

- Sharma, A., & Jain, V. (2020). A study on the relationship of stress and demographic profile of employees with special reference to their marital status and income. *UGC Care Journal*, 43(4), 111-115.
- Jain, V., Goyal, M., & Pahwa, M. S. (2019). Modeling the relationship of consumer engagement and brand trust on social media purchase intention-a confirmatory factor experimental technique. *International Journal of Engineering and Advanced Technology*, 8(6), 841-849.
- Jain, V., Al Ayub Ahmed, A., Chaudhary, V., Saxena, D., Subramanian, M., & Mohiddin, M. K. (2022, June). Role of data mining in detecting theft and making effective impact on performance management. In *Proceedings of Second International Conference in Mechanical and Energy Technology: ICMET 2021, India* (pp. 425-433). Singapore: Springer Nature Singapore.
- Wen, J., Mughal, N., Kashif, M., Jain, V., Meza, C. S. R., & Cong, P. T. (2022). Volatility in natural resources prices and economic performance: Evidence from BRICS economies. *Resources Policy*, 75, 102472.
- Kumar, S. U. M. I. T., & Jain, V. I. P. I. N. (2021). A survey on business profitability for a music artist by advertising on YouTube. *Journal of Contemporary Issues in Business and Government* | Vol, 27(3), 807.
- Chawla, C. H. A. N. C. H. A. L., & Jain, V. I. P. I. N. (2021). Teamwork on employee performance and organization Growth. *Journal of Contemporary Issues in Business and Government*, 27(3), 706.
- Jain, V., & Singh, V. K. (2019). Influence of healthcare advertising and branding on hospital services. *Pravara Med Rev*, 11, 19-21.
- CHAWLA, C., & JAIN, V. (2017). PROBLEMS AND PROSPECTS OF TOURISM INDUSTRY IN INDIA-WITH SPECIAL REFERENCE TO UTTAR PRADESH. *CLEAR International Journal of Research in Commerce & Management*, 8(9).
- Jain, V., & Sami, J. (2012). Understanding Sustainability of Trade Balance in Singapore Empirical Evidence from Co-integration Analysis. *Viewpoint Journal*, 2(1), 3-9.
- Jain, V., & Gupta, A. (2012). Cloud Computing: Concepts, Challenges and Opportunities for Financial Managers in India. *Amity Global Business Review*, 7.
- Jain, V., Chawla, C., Agarwal, M., Pawha, M. S., & Agarwal, R. (2019). Impact of Customer Relationship Management on Customer Loyalty: A Study on Restaurants of

Moradabad. International Journal of Advanced Science and Technology, 28(15), 482-49.

- Jain, V., & Garg, R. (2019). Documentation of inpatient records for medical audit in a multispecialty hospital.
- Jha, R. S., Jain, V., & Chawla, C. (2019). Hate speech & mob lynching: a study of its relations, impacts & regulating laws. *Think India (QJ)*, 22(3), 1401-1405.
- Shafi, M., Ramos-Meza, C. S., Jain, V., Salman, A., Kamal, M., Shabbir, M. S., & Rehman, M. U. (2023). The dynamic relationship between green tax incentives and environmental protection. *Environmental Science and Pollution Research*, 30(12), 32184-32192.
- Meza, C. S. R., Kashif, M., Jain, V., Guerrero, J. W. G., Roopchund, R., Niedbala, G., & Phan The, C. (2021). Stock markets dynamics and environmental pollution: emerging issues and policy options in Asia. *Environmental Science and Pollution Research*, 28(43), 61801-61810.
- The Phan, C., Jain, V., Purnomo, E. P., Islam, M. M., Mughal, N., Guerrero, J. W. G., & Ullah, S. (2021). Controlling environmental pollution: dynamic role of fiscal decentralization in CO2 emission in Asian economies. *Environmental Science and Pollution Research*, 28(46), 65150-65159.
- Rajkumar, D. A., Agarwal, P., Rastogi, D. M., Jain, D. V., Chawla, D. C., & Agarwal, D. M. (2022). Intelligent Solutions for Manipulating Purchasing Decisions of Customers Using Internet of Things during Covid-19 Pandemic. *International Journal of Electrical and Electronics Research*, 10(2), 105-110.
- Liu, J., Jain, V., Sharma, P., Ali, S. A., Shabbir, M. S., & Ramos-Meza, C. S. (2022). The role of Sustainable Development Goals to eradicate the multidimensional energy poverty and improve social Wellbeing's. *Energy Strategy Reviews*, 42, 100885.
- Jain, V., Beram, S. M., Talukdar, V., Patil, T., Dhabliya, D., & Gupta, A. (2022, November). Accuracy enhancement in machine learning during blockchain based transaction classification. In *2022 Seventh International Conference on Parallel, Distributed and Grid Computing (PDGC)* (pp. 536-540). IEEE.
- Yaqoob, N., Jain, V., Atiq, Z., Sharma, P., Ramos-Meza, C. S., Shabbir, M. S., & Tabash, M. I. (2022). The relationship between staple food crops consumption and its

impact on total factor productivity: does green economy matter?. *Environmental Science and Pollution Research*, 29(46), 69213-69222.

- Maurya, S. K., Jain, V., Setiawan, R., Ashraf, A., Koti, K., Niranjana, K., ... & Vipin Jain, T. M. I. M. T. (2020). The Conditional Analysis of Principals Bullying Teachers Reasons in The Surroundings of The City. *Productivity Management*, 25(5), 1195-1214.
- Bai, D., Jain, V., Tripathi, M., Ali, S. A., Shabbir, M. S., Mohamed, M. A., & Ramos-Meza, C. S. (2022). Performance of biogas plant analysis and policy implications: Evidence from the commercial sources. *Energy Policy*, 169, 113173.
- Sundram, S., Venkateswaran, P. S., Jain, V., Yu, Y., Yapanto, L. M., Raisal, I., ... & Regin, R. (2020). The impact of knowledge management on the performance of employees: The case of small medium enterprises. *Productivity Management*, 25(1), 554-567.
- Khan, U. A., & Jain, V. (2025). Monetary Policy and Economic Stability During Shocks and Crises Evidence from Sultanate of Oman.
- Ramos Meza, C. S., Bashir, S., Jain, V., Aziz, S., Raza Shah, S. A., Shabbir, M. S., & Agustin, D. W. I. (2021). The economic consequences of the loan guarantees and firm's performance: a moderate role of corporate social responsibility. *Global Business Review*, 09721509211039674.
- Suresh, S., Markose, J., Eshwar, S., Rekha, K., & Jain, V. (2017). Comparison of platform switched and sloping shoulder implants on stress reduction in various bone densities: finite element analysis. *The Journal of Contemporary Dental Practice*, 18(6), 510-515.
- Sasmoko, Ramos-Meza, C. S., Jain, V., Imran, M., Khan, H. U. R., Chawla, C., ... & Zaman, K. (2022). Sustainable growth strategy promoting green innovation processes, mass production, and climate change adaptation: A win-win situation. *Frontiers in Environmental Science*, 10, 1059975.
- Dadhich, M., Pahwa, M. S., & Vipin Jain, R. D. (2021). Predictive Models for Stock Market Index Using Stochastic Time Series ARIMA Modeling in Emerging Economy. *Advances in Mechanical Engineering*, 281–290.
- Veeraiah, V., Kotti, J., Jain, V., Sharma, T., Saini, S., & Gupta, A. (2023, July). Scope of IoT in Emerging Engineering Technology during Online Education. In 2023 14th

International Conference on Computing Communication and Networking Technologies (ICCCNT) (pp. 1-6). IEEE.

- Karla, D., Alam, M., Jain, V., & Sharma, M. (2022). An Overview on Team Work Strategy in Medical Education. *World J English Lang*, 12(3), 110-6.
- Nath, N. A. M. I. T. A., & Jain, V. I. P. I. N. (2020). The literature review of the consumer behavior determinants and the online shopping behavior model under the prospects of b2c e-commerce. *J. Orient. Res.* xci-xxxviii, 75-87.
- Jain, V., & Jain, V. (2019). A Study of Different Retail Formats with Special Reference to Unorganized Retailing in India. *International Journal of Management, IT & Engineering*, 9(4), 2.
- Vinoth, S., Gupta, S., Jain, V., & Kumari, U. (2024). Improving anomaly identification in demand forecasting and inventory management with AI-based optimization. *Multidisciplinary Science Journal*, 6.
- Verma, A. K., Ansari, S. N., Bagaria, A., & Jain, V. (2022). The Role of Communication for Business Growth: A Comprehensive. *World Journal of English Language*. <https://doi.org/10.5430>.
- Jain, V. (2021). Based upon block chain and its context. *ACADEMICIA: An International Multidisciplinary Research Journal*, 11(12), 431-438.
- Joshi, M. A., & Jain, V. (2024). GREEN FINANCING INCENTIVES AND THE INDIAN BANKING SECTOR: PROMOTING SUSTAINABLE DEVELOPMENT. *DEPARTMENT OF COMMERCE (UG)*, 1.
- Gupta, N., Jain, V., Agarwal, P., Sharma, M., & Agarwal, A. K. (2024). Career change: systematic literature review future research agenda. *Smart innovation, systems and technologies*. In 2nd International Conference on Human-Centric Smart Computing, ICHCSC (Vol. 376, pp. 219-235).
- Jain, V., Verma, C., Agarwal, M. K., & Rajkumar, A. (2026). Influence of Content Authenticity on Long-Term Consumer Loyalty in Digital Markets. *International Journal of Research & Technology*, 14(S1), 608-628.
- KHAN, H. (2026). METAVERSE-BASED VIRTUAL EDUCATION PLATFORMS USING BLOCKCHAIN FOR CREDENTIAL VERIFICATION. *Journal of Theoretical and Applied Information Technology*, 104(4).

- Khan, U. A., & Jain, V. Monetary Policy and Digital Innovation as Catalysts for Sustainable Economic and Environmental Transformation in Oman's Vision 2040.
- Jain, S., Jain, V., & Agarwal, S. Impact of Ayushman Card Yojana on the Health of Rural Public in Uttar Pradesh in India.
- Zhang, W., Zhu, W., & Jain, V. (2026). Fiscal policy shocks and green growth in China. *Fluctuation and Noise Letters*, 25(1), 2650011-1930.
- Harshitha, P., Rajitha, N., Veeraiah, V., Rastogi, H., Koujalagi, A., Gupta, A., & Jain, V. (2025, November). Economic Implications of 5G Deployment on Digital Enterprises and Startup Ecosystems. In *2025 International Conference on Innovations and Emerging Technologies In AI & Communication Systems (IETACS)* (pp. 1099-1104). IEEE.
- Ramesh, J. V. N., Veeraiah, V., Bhattacharya, D., Jain, V., Jain, S. K., & Gupta, A. (2025, November). Twitter Sentiment Mining for Marketing Decision-Making in Blockchain-Based Digital Assets. In *2025 International Conference on Innovations and Emerging Technologies In AI & Communication Systems (IETACS)* (pp. 1005-1011). IEEE.
- Dasaraju, S. R., Nallamalli, V. R. B., Rajendran, J., Chennamsetty, M. R., Jain, V., & Painoli, G. K. (2025). Enhancing Strategy and Governance Through AI-Driven Behavioral Competency Analytics: An ML Model for Competency Development.
- Raj, A., & Jain, V. (2025). A Quantitative Analysis of Factors Influencing Work-Life Balance and Quality of Life. *European Economics Letters*, 15(3).
- Jain, N., & Jain, V. (2025). Exploring the Role of AI Personalization, Embedded Finance, and Gamification in Influencing Digital Wallet Users Buying Behavior in Western India. *European Economics Letters*, 15(3).
- Jain, N., & Jain, V. Assessing the Impact of Super App Integration and Contactless Payment Technologies on Consumer Buying Behavior in Western India.
- Joshi, A., & Jain, V. Assessing the Awareness and Understanding of Green Finance Incentives among Bank Employees. *International Journal of Environmental Sciences*, 11(5s), 2025.
- Vishnoi, N. K., Singh, R., & Jain, V. A Review on Green Purchase Behaviour about Green Products.

- Raj, A., & Jain, V. A study of policies for fostering skill development aligned with Sustainable Development Goals.
- Jain, N., & Jain, V. Examining The Role of Convenience and Merchant Acceptance in Digital Wallet Adoption: Insights from Yelahanka, Bangalore.
- Jain, T. S., & Jain, V. Study the Challenges and Opportunities of operating in International Market including Trade Regulations, Cultural Differences and Economic Risk.
- Sharma, R., Pradesh, M. U., & Jain, V. Analyzing the Impact of CSR Activities on Capital Budgeting and Shareholder Value: A Comparative Study of ITC and Nestlé in Emerging Markets.
- Jain, V. A Data-Driven Approach to Upskilling Western Uttar Pradesh's Healthcare Professionals Akanksha Arora Research Scholar Teerthanker Mahaveer Institute of Management and Technology.
- Khan, U. A., Muscat, O., & Jain, V. Aligning Monetary Policies with Sustainability: Evaluating the Role of Central Bank in Oman's Vision 2040 for Financing SDG-Compliant Businesses.
- Jain, V., & Verma, C. Blockchain Adoption in Digital Payments: A Comparative Study of Emerging and Developed Markets.
- Khanna, R., Singh, R., & Jain, V. Exploring the Impact of Age on Work-Life Balance: A Comparative Study across Academicians.
- Arora, A., & Jain, V. Technology-Assisted Healthcare Upskilling: A Study of Western Uttar Pradesh.
- Mittal, S., & Jain, V. CORPORATE GOVERNANCE AND FIRM'S PERFORMANCE: ANALYSIS OF LITERATURE REVIEW.
- Mittal, S., & Jain, V. A study on the Corporate Governance and Company Characteristics of the Manufacturing Sector in India.
- Modia, P., Jainb, V., Uchilc, A., & Nandad, S. Examining link prediction and node connectivity objectives in social networks: Comprehensive review.
- Nanda¹, S., Jain, V., & Purohit, A. The Importance of Mental Development in Addressing Youth Unemployment: A Psychological Case Study of Skill Retention in Development Programmes.

- Agarwal, P., Kumar, A., & Jain, V. PROFESSIONAL WOMEN AND STRESS: A STUDY OF PSYCHOLOGICAL AND WORK-PLACE BEHAVIOUR OF PROFESSIONAL WOMEN.
- Sethi, P., & Agarwal, P. A STUDY OF OPTIMIZATION TECHNIQUES USED IN OPERATIONS RESEARCH: ITS PROSPECTS AND PROBLEMS.
- Jain, V., Ramos-Meza, C. S., Min, Z., Qian, X., Ali, S. A., Sharma, P., ... & Shabbir, M. S. (2023). The dynamic relationship among technological innovation, international trade, and energy production.
- Hashim, N. A. A. N., Batool, H., Jain, V., Julca-Guerrero, F., & Cruz-Castillo, N. (2023). A systematic study of mobility and innovation and technology management for skilled enhancement with operational frameworks. *International Journal of Intellectual Property Management*, 13(3-4), 227-251.
- Jain, V., Sethi, P., Rawat, G., Singh, V. A., Kumar, A. R., Chawla, C., & Bansal, B. (2023). Information Frameworks and Business Patterns in Smart Cities. In *Handbook of Research on Data-Driven Mathematical Modeling in Smart Cities* (pp. 224-237). IGI Global Scientific Publishing.
- Jiang, J., Jain, V., Qian, X., Sharma, P., Mohamed, M. A., Haddad, A. M., ... & Zamir, A. Does Renewable Energy matter for SDGs? The dynamic relationship among Trade Exports Quality, Renewable Energy and Sustainable Economic Production. *Frontiers in Environmental Science*, 1788.
- Sehgal, S., Dhingra, V., & Jain, V. (2022). Effect of Covid Pandemic on Interest Rates and thereby Attractiveness of Reverse Mortgage Loans. *INTERNATIONAL JOURNAL OF SPECIAL EDUCATION*, 37(3).
- Jain, V. (2021). Relations between the united states and china during the trump presidency. *Asian Journal of Research in Social Sciences and Humanities*, 11(11), 1-6.
- Jain Sr, V. ROLE OF TEACHERS IN INSTITUTIONAL PLANNING. *ADMINISTRATION AND MANAGEMENT IN SCHOOL EDUCATION*, 83.
- Jain, V. COACHING AND MENTORING IN EDUCATION SERVICE: AN ASSESSMENT. *COMMUNICATION SKILLS FOR PROFESSIONALS*, 71.
- Jain, V. Teerthanker Mahaveer Institute of Managment & Technology, Teerthanker Mahaveer University, Moradabad, Uttar Pradesh, India Email Id-vipin555@rediffmail.com. *INTRODUCTION TO MEDIA STUDIES*, 39.

- Ashok Kumar Upadhyay, Pramod Kumar Srivastava, Piyush Kumar (2026) Academic Excellence through Holistic Growth: Integrating Physical, Mental, Emotional, and Spiritual Development in Education, MSW MANAGEMENT -Multidisciplinary, Scientific Work and Management Journal, ISSN: 1053-7899, Vol. 36 Issue 1, Jan-June 2026, Pages: 744-752 (Scopus)
- Srivastava, P. K., Sharma, A., Whig, V., Malaviya, S., & Kumar, N. (2025). Review Of Transforming Grocery Shopping with Artificial Intelligent: A New Era of Convenience. *Advances in Consumer Research*, 2(2), 665-675.
- Srivastava, P. K., Sharma, A., Malaviya, S., Hasan, N., & Singh, P. (2025). Exploring Social Dynamics and Emotional Triggers in the Adoption of Buy Now, Pay Later. *Advances in Consumer Research*, 2(3).
- Kumar, P., Zai, R. Y., & Srivastava, P. K. (2024). Overview of the Marketing Strategies Adopted by Different Pharmaceutical Companies. In *Pharma Marketing and Pharmacoeconomics* (pp. 143-149). Apple Academic Press.
- Shukla, V., & Srivastava, P. K. (2023). Travelling with a vengeance: the influence of social media on revenge tourism. *International Journal of Tourism Policy*, 13(6), 600-605.
- Prasad, A., & Srivastava, P. K. (2024). A COMPREHENSIVE ANALYSIS OF HUMAN RESOURCE POLICIES AND THEIR IMPACT ON EMPLOYEE TURNOVER IN THE HOTEL INDUSTRY IN DELHI NCR. *Journal of Strategic Human Resource Management*, 13(2).
- Sharma, R. K., & Srivastava, P. K. (2022). Impact of E-business on organized retail sector. *International Journal of Early Childhood Special Education*, 9830-9637.
- Rakshit, P., Srivastava, P. K., & Chavan, O. (2022). IoT-Based Personalized Health and Fitness Monitoring System: The Next Big Thing. In *Reinvention of Health Applications with IoT* (pp. 19-30). CRC Press.
- A Khan, F., Singh, M., Shrivastava, P. K., & Bahl, S. (2022). Concept of Caveat Venditor and its Application in Healthcare and Education Secto. *Turkish Online Journal of Qualitative Inquiry*, 13(1).
- Rakshit, P., Srivastava, P. K., & Chavan, O. (2022). Security Concerns with IoT-Based Health and Fitness Systems. In *Reinvention of Health Applications with IoT* (pp. 155-162). CRC Press.

- Srivastava, S. K., Sharma, R. K., Srivastava, P. K., & Srivastava, R. (2021, April). Statistics Review of Indian Automobile Industry Using Correlation & Linear Regression Techniques. In 2021 2nd International Conference on Intelligent Engineering and Management (ICIEM) (pp. 510-515). IEEE.
- Srivastava, P. K., Srivastava, S. K., Rakshit, P., Kumar, Y., & Kumar, V. (2021). The ecosphere of online service delivery and its growing presence in automobile sector: an extended study of connected technology in Indian outlook. *International Journal of Forensic Engineering*, 5(1), 34-48.
- Rakshit, P., Srivastava, P. K., Afjal, M., & Srivastava, S. K. (2021). Sentimental analytics on Indian big billion day of flip kart and Amazon. *SN Computer Science*, 2(3), 204.
- Rakshit, P., & Srivastava, P. K. (2021, March). Cutting edge IoT technology for smart Indian pharma. In 2021 International Conference on Advance Computing and Innovative Technologies in Engineering (ICACITE) (pp. 360-362). IEEE.
- Rakshit, P., & Sharma, R. (2021). A study to comprehend role of artificial intelligence in building smart cities. *Engineering and Technology Journal for Research and Innovation (ETJRI) ISSN*, 3(2), 2581-8678.
- Rakshit, P., & Srivastava, P. K. (2021). An Inclusive Analysis to Study Challenges in Building Student Retention Rate on MOOC Platforms-Technology in Education. *Grenze International Journal of Engineering & Technology (GIJET)*, 7(1).
- Afjal, M., Rakshit, P., Dutta, M., & Srivastava, P. K. (2020). A Critical Study To Comprehend Amendments In Indian Education System Post Covid-19. *Solid State Technology*, 63(6), 4079-4085.
- Rakshit, P., Srivastava, P. K., Srivastava, S. K., Kumar, Y., & Kumar, V. (2020). A Critical Study To Understand Privacy Concerns With Covid-19 Patient Data. *Solid State Technology*, 63(6), 4222-4233.
- Srivastava, P. K., Rakshit, P., Kumar, Y., Kumar, V., Singh, C. K., & Afjal, M. (2020). An Intercontinental Comparative Financial Analysis Of Civil Aviation Business. *Solid State Technology*, 63(6), 4127-4138.
- Bhatt, V., Sharma, R. K., & Srivastava, P. K. Emergence and its impact of organized unrecognized retailers in FMCG-food and beverage.

- SHARMA, R. K., & SRIVASTAVA, P. K. FACTORS OF INTERNATIONALIZATION OF SERVICES IN BANKING SECTOR IN INDIA: COMPARISON BETWEEN NATIONALIZED, PRIVATE AND FOREIGN BANKS IN INDIA.
- Kaushik, R., Srivastava, P. K., & Tiwari, S. (2020, January). Services Standardization In Banking Sector In India: Comparison Between Nationalized, Private And Foreign Banks in India. In 2020 International Conference on Computation, Automation and Knowledge Management (ICCAKM) (pp. 505-514). IEEE.
- Alok, P., Gupta, S., & Srivastava, P. K. (2009). Dinning experience and return patronage-study of hotels resturants in Delhi, India. JOHAR, 4(2), 45.
- Prasad, A., & Srivastava, P. K. (2008). Practices of yield management-An analytical study with special reference to hotel industry. JOHAR, 3(2), 25.