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**EMERGING HORIZONS IN
HUMANITIES,
COMMERCE AND MANAGEMENT**

Editors:

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Dr. Ruchi Goyal

Dr. Jashashya Borah

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PREFACE

The contemporary world is witnessing rapid transformations driven by globalization, digital innovation, socio-economic shifts, and evolving human values. In this dynamic context, the disciplines of humanities, commerce, and management are continuously expanding their scope to address emerging challenges and opportunities. The book *Emerging Horizons in Humanities, Commerce and Management* is a thoughtful compilation that reflects these changing paradigms and highlights new directions in interdisciplinary research and practice.

This volume brings together scholarly contributions from academicians, researchers, and professionals who explore diverse themes across the three domains. The chapters in humanities examine cultural transformations, social dynamics, ethics, language, and human behavior, offering critical insights into the evolving nature of society. In the field of commerce, contributors discuss contemporary issues such as financial systems, digital economy, entrepreneurship, and sustainable business practices. The management section focuses on leadership, organizational behavior, strategic decision-making, innovation, and human resource development in a rapidly changing business environment.

A key strength of this book lies in its interdisciplinary approach, which encourages integration of knowledge across traditional boundaries. By bridging theoretical perspectives with practical applications, the book provides a holistic understanding of complex real-world issues. It also emphasizes the role of technology, particularly digitalization and data-driven decision-making, in shaping the future of commerce and management, while highlighting the importance of human values and ethical considerations rooted in the humanities.

The editors hope that this volume will serve as a valuable resource for students, researchers, educators, and practitioners. It aims to inspire critical thinking, foster innovation, and promote meaningful dialogue across disciplines. Ultimately, this book aspires to contribute to the development of knowledge that supports inclusive growth, responsible governance, and sustainable progress in an interconnected world.

- Editors

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FROM ALGORITHMS TO ETHICS: HUMANIZING AI IN INDIA'S EMERGING COMMERCE AND MANAGEMENT LANDSCAPE

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Abstract

The rapid integration of Artificial Intelligence (AI) into commerce and management has transformed organizational processes, consumer behavior, and decision-making frameworks across the globe. In India, this transformation is particularly significant due to the country's unique socio-economic diversity and accelerated digital adoption. While AI enhances efficiency and scalability, it simultaneously raises critical concerns regarding ethics, inclusivity, human agency, and socio-cultural impact. This chapter explores the intersection of AI, humanities, commerce, and management by examining how technological advancement must be guided by ethical reasoning and human-centred values. It introduces the "Human-Centric AI Balance Model" as a conceptual framework to understand the equilibrium between innovation and responsibility. Drawing upon Indian case contexts, the chapter highlights emerging challenges such as algorithmic bias, digital inequality, workforce transformation, and trust deficits. It argues that the future of business in India depends not merely on technological capability but on the ability to integrate human judgment, cultural sensitivity, and ethical leadership into AI-driven systems.

1. Introduction: The Invisible Algorithm in Everyday India

When a street vendor in Mumbai accepts a UPI payment within seconds, or when a young student in a Tier-2 city receives personalized learning recommendations on an educational app, both are unknowingly interacting with complex artificial intelligence systems. These everyday moments reflect a deeper transformation—one where algorithms are no longer confined to corporate boardrooms but are embedded in the daily lives of millions.

India's digital revolution has not followed a linear path. Instead, it has leapfrogged traditional stages of development, moving directly into a data-driven economy powered by artificial intelligence. Initiatives such as Digital India, Aadhaar integration, and the Unified Payments Interface have created an ecosystem where technology is both accessible and scalable.

However, this rapid adoption also raises fundamental questions. As machines increasingly influence decisions, from what we buy to how we learn and work, what happens to human judgment? Can efficiency replace empathy? Can data replace ethics?

The answers to these questions lie at the intersection of humanities, commerce, and management. Technology may provide tools, but it is human values that determine how these tools are used. This chapter explores this critical intersection, arguing that the true potential of AI in India can only be realized when it is aligned with ethical responsibility and human-centric thinking.

2. The Rise of AI in India's Commercial Ecosystem

India's commercial landscape has undergone a remarkable transformation in the past decade. The proliferation of smartphones, affordable internet, and digital infrastructure has enabled businesses to adopt AI-driven solutions at an unprecedented scale.

The fintech sector provides one of the most visible examples of this transformation. Platforms such as Paytm and PhonePe have revolutionized financial transactions, making digital payments accessible even in remote areas. Behind the simplicity of a QR code scan lies a complex system of algorithms that detect fraud, analyse user behaviour, and optimize transaction processes.

Similarly, the e-commerce sector has leveraged AI to create highly personalized shopping experiences. Companies use recommendation engines to predict consumer preferences, influencing purchasing decisions in subtle yet powerful ways. This personalization enhances convenience but also raises questions about consumer autonomy and manipulation.

In the healthcare sector, AI-driven diagnostic tools are being used to improve accuracy and accessibility. Startups are developing solutions that can analyse medical images, predict diseases, and assist doctors in decision-making. While these innovations hold immense promise, they also highlight the need for accountability and ethical oversight.

The integration of AI into these sectors demonstrates its transformative potential. At the same time, it underscores the growing dependence on algorithmic systems, making it essential to examine their broader implications.

3. Humanities in the Age of Intelligent Machines

The rise of AI has often been framed as a technological phenomenon, but its implications extend far beyond technology. At its core, AI interacts with human behaviour, social structures, and cultural norms, making the role of humanities more important than ever.

Ethics provides a framework for evaluating the moral implications of AI. Questions about fairness, justice, and responsibility cannot be answered by algorithms alone. They require human judgment informed by philosophical reasoning.

Sociology offers insights into how AI reshapes social relationships and power dynamics. The use of data-driven systems can reinforce existing inequalities or create new forms of exclusion if not carefully managed.

Psychology helps in understanding how individuals interact with technology. The design of AI systems must consider cognitive biases, emotional responses, and user behaviour to ensure positive outcomes.

In India, cultural diversity adds another dimension to this discussion. AI systems must be sensitive to linguistic differences, regional variations, and social contexts. A one-size-fits-all approach is unlikely to be effective in such a complex environment.

The integration of humanities into business and technology ensures that innovation remains aligned with human values. It transforms AI from a purely technical tool into a socially responsible system.

4. Ethical Dilemmas in AI-Driven Commerce

The increasing reliance on AI has brought several ethical dilemmas to the forefront. One of the most significant challenges is algorithmic bias. AI systems learn from historical data, which may reflect existing social inequalities. When such data is used to train algorithms, it can lead to biased outcomes.

In the Indian context, this issue is particularly relevant in areas such as recruitment and financial lending. If AI systems are trained on biased datasets, they may favor certain groups over others, perpetuating inequality rather than reducing it.

Privacy is another major concern. The collection and analysis of personal data raise questions about consent and security. With the growing use of digital platforms, individuals often share sensitive information without fully understanding how it will be used.

The gig economy provides another dimension to this ethical debate. Platforms such as ride-sharing and food delivery services rely on algorithms to assign tasks and evaluate performance. While this increases efficiency, it also creates uncertainty for workers, who have limited control over their working conditions.

The issue of accountability further complicates the situation. When an AI system makes a decision, it is often unclear who is responsible for the outcome. This lack of clarity poses challenges for both organizations and regulators.

5. The Human-Centric AI Balance Model

To address these challenges, this chapter proposes the “Human-Centric AI Balance Model,” an original conceptual framework designed to guide organizations in integrating AI with human values.

At the core of this model lies the idea that technology and humanity must coexist in a state of balance. The model is built on four interconnected dimensions: technological capability, ethical responsibility, cultural sensitivity, and leadership accountability.

Technological capability refers to the efficiency and innovation enabled by AI systems. Ethical responsibility ensures that these systems operate within moral and legal boundaries. Cultural sensitivity emphasizes the need to adapt AI solutions to diverse social contexts, particularly in a country like India. Leadership accountability highlights the role of decision-makers in guiding the use of technology.

The strength of this model lies in its holistic approach. It recognizes that technological advancement cannot be separated from human values. By maintaining a balance between these dimensions, organizations can achieve sustainable and inclusive growth.

6. Redefining Leadership in an AI-Driven World

The emergence of AI has transformed the nature of leadership. Traditional models that emphasized authority and control are no longer sufficient in a dynamic and technology-driven environment.

Modern leaders must possess a combination of technical understanding and ethical awareness. They must be able to interpret data-driven insights while also considering their broader implications.

In India, organizations such as Infosys and Tata Consultancy Services have demonstrated the importance of ethical leadership in technology adoption. These companies have emphasized transparency, accountability, and responsible innovation as key principles.

Leadership in the age of AI also requires adaptability. Rapid technological changes demand continuous learning and flexibility. Leaders must be open to new ideas and willing to embrace change.

At the same time, they must prioritize human well-being. As automation transforms the workplace, leaders have a responsibility to support employees through training and development initiatives.

7. Workforce Transformation and the Future of Skills

The integration of AI into the workplace has led to significant changes in the nature of work. Routine tasks are increasingly being automated, while roles that require creativity, critical thinking, and emotional intelligence are becoming more important.

In India, this transformation is particularly evident in the IT and services sectors. Companies are investing in reskilling programs to help employees adapt to new technologies. Online learning platforms and digital training initiatives are playing a crucial role in this process.

The concept of lifelong learning has become essential in this context. Employees must continuously update their skills to remain relevant in a rapidly changing environment.

Educational institutions also have a critical role to play. By integrating humanities with technology, they can prepare students for the challenges of the digital age. Interdisciplinary education fosters critical thinking and ethical awareness, which are essential for navigating complex technological landscapes.

8. Indian Case Reflections: Technology with a Human Face

The Indian business environment offers compelling examples of how organizations are attempting to humanize technology. The success of UPI is not merely a technological achievement but a social transformation that has enabled financial inclusion for millions.

At the same time, the rise of food delivery platforms has highlighted the challenges of algorithmic management. Delivery workers often operate under conditions determined by algorithms, raising questions about fairness and transparency.

In the edtech sector, personalized learning platforms have improved accessibility but also sparked debates about data privacy and commercialization. These examples illustrate that technology is not inherently good or bad; its impact depends on how it is used.

9. Policy, Regulation, and the Indian Context

The role of government and policy in shaping the future of AI cannot be overstated. In India, initiatives such as the National Strategy for Artificial Intelligence aim to promote innovation while addressing ethical concerns.

Regulatory frameworks are essential for ensuring transparency and accountability. They provide guidelines for data protection, algorithmic fairness, and responsible innovation.

However, policymakers must strike a delicate balance between regulation and innovation. Excessive regulation may hinder technological progress, while insufficient oversight can lead to misuse.

Public awareness is also crucial. Educating individuals about their rights and the implications of AI can empower them to make informed decisions.

Conclusion: Towards a Responsible Digital Future

The integration of AI into commerce and management represents a defining moment in the evolution of business. While technology offers unprecedented opportunities, it also presents complex challenges that require careful consideration.

In India, the need for a balanced approach is particularly important due to the country's diversity and rapid digital transformation. By integrating insights from humanities, organizations can ensure that technological advancements are aligned with human values.

The future of business lies not in the dominance of machines but in the collaboration between human intelligence and artificial intelligence. It is this collaboration that will determine whether AI becomes a tool for empowerment or a source of inequality.

Ultimately, the success of AI-driven systems will depend not on their technical sophistication but on their ability to reflect the values and aspirations of the society they serve.

References

1. Brynjolfsson, E., & McAfee, A. (2017). *The business of artificial intelligence*. Harvard Business Review Press.
2. Davenport, T. H. (2018). Artificial intelligence for the real world. *Harvard Business Review*, 96(1), 108–116.
3. Floridi, L., & Cowls, J. (2019). A unified framework of five principles for AI in society. *Harvard Data Science Review*, 1(1), 1–15.

4. Government of India. (2021). *National strategy for artificial intelligence*. NITI Aayog.
5. Kaplan, A. M., & Haenlein, M. (2019). Siri, Siri, in my hand: Who's the fairest in the land? *Business Horizons*, 62(1), 15–25.
6. PwC. (2023). *Global artificial intelligence study: Sizing the prize*. PricewaterhouseCoopers.
7. Russell, S., & Norvig, P. (2021). *Artificial intelligence: A modern approach* (4th ed.). Pearson.
8. Society for Human Resource Management (SHRM). (2022). *AI in human resource management*.
9. World Economic Forum. (2023). *The future of jobs report*. World Economic Forum.
10. Zuboff, S. (2019). *The age of surveillance capitalism*. PublicAffairs.

INDIAN RUPEE DEPRECIATION: DETERMINANTS AND ECONOMIC IMPLICATIONS

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Abstract

The exchange rate of a country's currency is a critical indicator of its economic health and stability in the global financial system. In recent years, the Indian Rupee has experienced notable depreciation against major international currencies, particularly the United States dollar, raising concerns among policymakers, investors, and economists. This study examines the key determinants and economic implications of the depreciation of the Indian Rupee within the context of the global financial environment. The research focuses on both domestic and international factors that influence currency movements, including inflation differentials, interest rate policies, current account deficits, rising crude oil prices, foreign capital flows, and global economic uncertainties. The study also evaluates the role of geopolitical tensions, monetary tightening by major economies, and fluctuations in global commodity markets in exerting pressure on emerging market currencies such as the Indian Rupee. Using secondary data obtained from credible sources such as the Reserve Bank of India, World Bank, International Monetary Fund, and government economic reports, the study adopts a descriptive and analytical approach to understand the patterns and causes of rupee depreciation. Furthermore, the research explores the broader economic consequences of currency depreciation on India's trade balance, inflation levels, foreign investment inflows, and overall economic growth. While a weaker rupee may improve export competitiveness, it also increases the cost of imports, particularly energy and essential commodities, thereby contributing to inflationary pressures. The findings highlight the need for effective macroeconomic policies, stable capital flows, and prudent monetary management to maintain currency stability. The study concludes that a balanced policy framework and strengthened economic fundamentals are essential to mitigate the adverse effects of rupee depreciation and ensure long-term economic resilience.

Keywords: Indian Rupee, Currency Depreciation, Exchange Rate Volatility, Global Financial Environment, Inflation, Foreign Capital Flows, Macroeconomic Stability.

Introduction

The exchange rate of a nation's currency plays a vital role in determining its economic stability, international trade competitiveness, and overall financial performance. In recent years, the Indian

Rupee has experienced noticeable depreciation against major global currencies, particularly the US dollar, drawing significant attention from economists, policymakers, and financial analysts. Currency depreciation is influenced by a variety of domestic and global factors such as inflation differentials, interest rate fluctuations, current account deficits, rising crude oil prices, and changes in global capital flows. As an emerging economy heavily dependent on imports—especially crude oil—India is particularly vulnerable to exchange rate volatility. While a weaker rupee may enhance export competitiveness and improve trade prospects, it can also increase the cost of imports, leading to inflationary pressures and economic uncertainty. Therefore, understanding the determinants and economic implications of Indian Rupee depreciation is essential for developing effective macroeconomic policies and ensuring long-term economic stability in the global financial environment.

Statement of the Problem

The study of the depreciation of the Indian Rupee is particularly significant in the current global economic environment, which is characterized by financial volatility, geopolitical tensions, and shifting monetary policies among major economies. In recent years, fluctuations in the exchange rate of the Indian Rupee against major currencies, especially the US dollar, have raised concerns regarding macroeconomic stability, inflation, and external sector performance. Understanding the determinants of rupee depreciation is therefore essential for policymakers, economists, and investors to formulate effective strategies for economic stability and sustainable growth. One of the key reasons for studying this topic now is the increasing influence of global financial dynamics on emerging economies. Changes in interest rates in advanced economies, particularly monetary policy tightening in the United States, often lead to capital outflows from emerging markets like India, placing downward pressure on their currencies¹. Additionally, India's high dependence on imported crude oil makes the rupee vulnerable to fluctuations in global commodity prices, which can significantly impact the country's trade balance and inflation levels².

Furthermore, currency depreciation directly affects domestic economic conditions by increasing the cost of imports and contributing to inflationary pressures. This can influence consumer purchasing power, business costs, and overall economic growth (Mishra & Behera, 2020). At the same time, a weaker rupee may provide opportunities for export growth by making Indian goods more competitive in international markets. Therefore, analyzing the causes and consequences of rupee depreciation can help in balancing the benefits and risks associated with exchange rate movements. In addition, the increasing integration of India with the global financial system has

¹ International Monetary Fund. (2023). *World economic outlook: Navigating global divergences*. IMF.

² Reserve Bank of India. (2023). *Report on currency and finance*. RBI.

amplified the impact of external shocks on its currency and financial markets. Studying this issue at the present moment helps in understanding how global economic uncertainties, geopolitical developments, and changes in international capital flows influence the value of the rupee. Such insights are crucial for designing appropriate fiscal and monetary policies to maintain currency stability and strengthen India's position in the global economy³. Overall, examining the depreciation of the Indian Rupee is highly relevant today as it provides valuable insights into the challenges faced by emerging economies in managing exchange rate volatility while maintaining economic growth and financial stability.

Objectives of the Study

- To analyze the major factors contributing to the depreciation of the Indian Rupee.
- To examine the relationship between global economic conditions and the value of the Indian Rupee.
- To evaluate the economic impact of rupee depreciation on trade, inflation, and investment.
- To assess the role of monetary and fiscal policies in stabilizing the Indian currency.

Factors Contributing to the Depreciation of the Indian Rupee

The depreciation of the Indian Rupee is influenced by a combination of domestic economic conditions and global financial developments. Several macroeconomic and external factors play a significant role in determining the value of the rupee in international currency markets.

- 1. Inflation Differentials:** Inflation is one of the primary factors affecting exchange rates. When inflation in India is higher than that of its trading partners, the purchasing power of the rupee declines. Higher domestic prices reduce the competitiveness of Indian goods in international markets, which can weaken demand for the rupee and lead to its depreciation.
- 2. Current Account Deficit (CAD):** India often experiences a current account deficit due to higher imports compared to exports. When a country imports more goods and services than it exports, the demand for foreign currency increases, putting downward pressure on the domestic currency. A persistent current account deficit therefore contributes to the weakening of the Indian Rupee.
- 3. Rising Crude Oil Prices:** India is one of the largest importers of crude oil in the world. When global oil prices increase, the country's import bill rises significantly. This leads to greater demand for foreign currencies such as the US dollar to pay for oil imports, which puts pressure on the rupee and contributes to its depreciation.
- 4. Capital Outflows and Foreign Investment Trends:** Foreign institutional investors play a crucial role in India's financial markets. When global investors withdraw capital from Indian

³ World Bank. (2023). *Global economic prospects*. World Bank.

markets due to global uncertainties or better returns elsewhere, the supply of foreign currency decreases and demand for it rises. This capital outflow weakens the rupee in the foreign exchange market.

- 5. Monetary Policy and Interest Rate Differences:** Differences in interest rates between India and major economies, particularly the United States, influence international capital flows. When interest rates in developed countries rise, investors may shift their funds from emerging markets like India to those economies for higher returns. This movement of capital results in depreciation of the rupee.
- 6. Global Economic Uncertainty and Geopolitical Factors:** Global economic crises, geopolitical conflicts, and financial market volatility can also affect the value of the rupee. During periods of uncertainty, investors tend to move their investments to safe-haven currencies such as the US dollar, which increases the demand for those currencies and weakens emerging market currencies like the Indian Rupee.
- 7. Trade Imbalances and Import Dependence:** India's dependence on imports for commodities such as crude oil, gold, and electronic goods increases the demand for foreign currency. A widening trade deficit places continuous pressure on the rupee and contributes to its long-term depreciation.

Relationship Between Global Economic Conditions and the Value of the Indian Rupee

The value of the Indian Rupee is strongly influenced by global economic conditions, as India is deeply integrated into international trade and financial markets. Changes in the global economy—such as fluctuations in commodity prices, international capital flows, geopolitical developments, and monetary policy decisions in major economies—can significantly affect the exchange rate of the rupee. These factors influence investor confidence, foreign investment patterns, and trade balances, which collectively determine the strength or weakness of the Indian currency. One of the most important global factors affecting the rupee is the monetary policy of major economies, particularly the United States. When the U.S. Federal Reserve raises interest rates, investors often shift their funds toward dollar-denominated assets offering higher returns. This movement leads to capital outflows from emerging markets like India, increasing demand for the US dollar and causing the Indian Rupee to depreciate. Similarly, global financial tightening reduces liquidity in international markets, which can decrease foreign investment inflows into India. Another significant factor is the fluctuation in global commodity prices. India is one of the largest importers of crude oil, and rising global oil prices increase the country's import expenditure. This leads to higher demand for foreign currencies, particularly the US dollar, which exerts downward pressure on the rupee. Additionally, global economic uncertainty caused by geopolitical conflicts, financial crises, or trade disruptions can lead investors to prefer safe-haven currencies, thereby weakening emerging market currencies including the Indian

Rupee. To better understand how global economic conditions influence the value of the Indian Rupee, the following table summarizes key global factors and their impact.

Table 1: Summary of Key Global Factors

Global Economic Factor	Impact on the Indian Rupee
US Federal Reserve Interest Rate Changes	Higher US interest rates attract global capital to the US, causing capital outflows from India and weakening the rupee.
Global Crude Oil Prices	Rising oil prices increase India’s import bill, increasing demand for US dollars and depreciating the rupee.
Global Capital Flows	Reduced foreign investment inflows into India weaken the rupee, while increased inflows strengthen it.
Global Economic Uncertainty	Financial crises or geopolitical tensions increase demand for safe-haven currencies like the US dollar, leading to rupee depreciation.
International Trade Conditions	Global trade slowdowns reduce export earnings, which can put pressure on the rupee.

Source: Author Compilation

In addition, global economic uncertainty—arising from financial crises, geopolitical tensions, or disruptions in international trade—can influence investor confidence and risk appetite. During periods of uncertainty, investors tend to move their capital toward safe-haven currencies such as the US dollar, which strengthens those currencies while weakening emerging market currencies like the Indian Rupee. Therefore, the relationship between global economic conditions and the value of the Indian Rupee is dynamic and multifaceted. Understanding these global influences is essential for policymakers and financial institutions to design effective monetary and fiscal strategies that help maintain exchange rate stability and support sustainable economic growth. Overall, the value of the Indian Rupee is closely linked to developments in the global economy. Understanding these relationships helps policymakers and financial institutions design effective economic and monetary policies to maintain currency stability and strengthen India’s economic resilience in an increasingly interconnected world.

Economic Impact of Rupee Depreciation on Trade, Inflation, And Investment

The depreciation of the Indian Rupee has significant implications for the country’s trade balance, inflation levels, and investment environment. As the value of the rupee declines against major global currencies such as the US dollar, it influences both domestic economic conditions and international financial interactions.

- 1. Impact on Trade:** Rupee depreciation can improve the competitiveness of Indian exports in global markets. When the rupee weakens, Indian goods and services become relatively cheaper for foreign buyers, which may encourage higher export demand. Export-oriented sectors such as information technology, pharmaceuticals, and textiles often benefit from a

weaker rupee because their revenues earned in foreign currencies translate into higher earnings in rupee terms. However, the positive effect on exports may be offset by India's heavy dependence on imported raw materials and energy resources. As the rupee depreciates, the cost of imports—particularly crude oil, machinery, and electronic components—increases, which can widen the trade deficit and raise production costs for domestic industries.

2. **Impact on Inflation:** Currency depreciation contributes to inflationary pressures within the economy. When the rupee weakens, imported goods become more expensive, increasing the cost of essential commodities such as fuel, fertilizers, and electronic products. These rising import costs lead to higher production expenses for businesses, which are often passed on to consumers in the form of increased prices. As a result, the purchasing power of households declines, and overall inflation levels in the economy may rise. This phenomenon, often referred to as imported or cost-push inflation, is particularly significant in countries like India that rely heavily on imports of energy and industrial inputs.
3. **Impact on Investment:** Rupee depreciation also affects both domestic and foreign investment patterns. For foreign investors, currency depreciation can reduce the value of investment returns when profits are converted back into their home currency. This currency risk may discourage foreign portfolio investment and increase market volatility. At the same time, companies with foreign currency debt face higher repayment obligations because more rupees are required to service the same amount of debt. On the other hand, a weaker rupee can sometimes attract long-term foreign direct investment by making Indian assets relatively cheaper for global investors.

Role of Monetary and Fiscal Policies in Stabilizing the Indian Currency

I. Monetary Policy Measures (Implemented by the Reserve Bank of India):

- **Interest Rate Adjustments:** The central bank can increase policy interest rates to attract foreign capital inflows. Higher interest rates make domestic financial assets more attractive to international investors, thereby increasing demand for the Indian Rupee and supporting its value.
- **Foreign Exchange Market Intervention:** The central bank may intervene directly in the foreign exchange market by buying or selling foreign currency reserves. Selling US dollars from reserves can increase the supply of foreign currency and reduce excessive volatility in the rupee.
- **Liquidity Management:** Through tools such as open market operations and repo/reverse repo transactions, the central bank manages liquidity in the banking system to stabilize financial markets and maintain exchange rate stability.

- **Inflation Control:** Controlling inflation through appropriate monetary policy helps maintain the purchasing power of the currency. Lower inflation relative to trading partners can strengthen the rupee over the long term.
- **Strengthening Foreign Exchange Reserves:** Maintaining adequate foreign exchange reserves allows the central bank to intervene effectively during periods of excessive currency volatility or external economic shocks.

II. Fiscal Policy Measures (Implemented by the Government of India):

- **Reducing Fiscal Deficit:** Maintaining fiscal discipline by controlling government expenditure and improving revenue collection can strengthen investor confidence and support currency stability.
- **Promoting Exports:** Government policies that encourage export growth—such as export incentives, improved infrastructure, and trade agreements—can increase foreign exchange earnings and support the rupee.
- **Encouraging Foreign Direct Investment (FDI):** Policy reforms that improve the ease of doing business and attract long-term foreign investments increase capital inflows, which helps stabilize the domestic currency.
- **Reducing Import Dependence:** Policies that promote domestic production of critical commodities such as energy, electronics, and defense equipment can reduce import bills and ease pressure on the rupee.
- **Strengthening Economic Growth:** Fiscal measures that support economic development, infrastructure investment, and industrial growth enhance the overall strength of the economy, which indirectly contributes to currency stability.

Suggestions and Recommendations

- Strengthening macroeconomic stability through prudent monetary and fiscal policies can help maintain investor confidence and support the long-term stability of the Indian Rupee. Controlling inflation and maintaining a sustainable fiscal deficit are essential for maintaining currency value.
- Promoting export competitiveness by improving infrastructure, technology, and trade policies can increase foreign exchange earnings. Higher export revenues help strengthen the balance of payments and reduce pressure on the rupee.
- Reducing dependence on imports, particularly crude oil, electronics, and other essential commodities, can help control the demand for foreign currency. Encouraging domestic production and alternative energy sources can contribute to currency stability.
- Encouraging stable foreign capital inflows, especially long-term foreign direct investment (FDI), can strengthen the country's foreign exchange reserves. Stable investment inflows help reduce exchange rate volatility and support economic growth.

- Maintaining adequate foreign exchange reserves enables authorities to manage sudden currency fluctuations and external economic shocks. Strong reserves provide confidence to financial markets and help stabilize the exchange rate.
- Enhancing transparency and efficiency in financial markets can improve investor confidence and attract both domestic and international investment. A strong and well-regulated financial system contributes to overall economic stability.

Conclusion

The depreciation of the Indian Rupee is influenced by a combination of domestic economic conditions and global financial developments. Factors such as inflation differentials, rising crude oil prices, capital outflows, current account deficits, and changes in global monetary policies significantly affect the value of the currency. While a weaker rupee can improve export competitiveness, it also increases the cost of imports and contributes to inflationary pressures within the economy. Therefore, maintaining exchange rate stability requires coordinated monetary and fiscal policies, strong foreign exchange reserves, and policies that promote exports while reducing import dependence. Strengthening macroeconomic fundamentals and enhancing investor confidence are essential for mitigating excessive currency volatility and ensuring sustainable economic growth in an increasingly interconnected global financial environment.

References

1. Bhattacharya, R., & Mukherjee, J. (2019). Exchange rate dynamics and macroeconomic fundamentals in India. *Journal of Asian Economics*, 62, 1–12.
2. Ghosh, S. (2018). Volatility of exchange rates and its impact on Indian economic growth. *Economic Modelling*, 70, 96–107.
3. Mishra, R., & Behera, H. (2020). Exchange rate volatility and its impact on the Indian economy. *Journal of Economic Policy and Research*, 15(2), 45–60.
4. Patra, M. D., Pattanaik, S., Kapur, M., & Behera, H. (2018). Exchange rate management in India: An assessment. *Reserve Bank of India Occasional Papers*, 39(1), 1–28.
5. Rajan, R., & Dhal, S. (2017). Determinants of exchange rate movements in India: Evidence from macroeconomic variables. *Indian Economic Review*, 52(2), 165–189.
6. Sharma, C., & Pal, D. (2020). Exchange rate volatility and foreign investment in India. *Global Business Review*, 21(4), 1035–1050.
7. Srinivasan, P., Kalaivani, M., & Ibrahim, P. (2012). Exchange rate volatility and export growth in India. *Journal of Economics and Finance*, 36(4), 860–875.
8. Tiwari, A. K., Shahbaz, M., & Islam, F. (2013). Does exchange rate volatility affect exports in India? Evidence from ARDL bounds testing approach. *Economic Modelling*, 31, 299–305.

9. Verma, R., & Prakash, A. (2019). Macroeconomic determinants of exchange rate movements in emerging economies: Evidence from India. *International Journal of Economics and Financial Issues*, 9(3), 230–237.
10. World Bank. (2023). *Global economic prospects*. Washington, DC: World Bank.
11. International Monetary Fund. (2023). *World economic outlook: Navigating global divergences*. Washington, DC: International Monetary Fund.
12. Reserve Bank of India. (2023). *Report on currency and finance*. Mumbai: Reserve Bank of India.
13. World Bank. (2022). *Global economic prospects*. Washington, DC: World Bank.
14. Aggarwal, R. (2019). Exchange rate volatility and its impact on international trade in India. *International Journal of Financial Studies*, 7(2), 1–12.
15. Bahmani-Oskooee, M., & Hegerty, S. W. (2010). Exchange-rate volatility and trade flows: A review article. *Journal of Economic Studies*, 37(2), 113–135.

CONTEMPORARY PEDAGOGICAL TRENDS AND THEIR ROLE IN SKILL DEVELOPMENT: A CONCEPTUAL ANALYSIS

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Abstract

The idea of current pedagogical trends and their important function in skill development within contemporary educational systems are examined in this chapter. Learner-centered, adaptable, and skill-oriented teaching methods are gradually replacing traditional teacher-centered approaches due to the rapid developments in technology, globalization, and workforce demands. The chapter offers a conceptual understanding of modern pedagogy, emphasizing important strategies including competency-based education, problem-based learning, experiential learning, collaborative learning, and blended learning. It also looks at how these pedagogical developments support the growth of critical thinking, creativity, communication, teamwork, and digital literacy—all crucial 21st-century competencies. One of the main factors improving accessibility, personalization, and learning process engagement is the use of technology in the classroom. The chapter also examines how contemporary pedagogical approaches support lifelong learning and holistic development. It also tackles important issues that could impede its implementation, like the digital divide, inadequate infrastructure, inadequate teacher preparation, and reluctance to change. Additionally described are methods for getting past these obstacles and guaranteeing successful adoption. The importance of modern pedagogical approaches in educating students to meet the demands of a world that is changing quickly is emphasized in the chapter's conclusion. Education systems may establish relevant, inclusive, and future-ready learning environments by coordinating instructional strategies with skill development objectives.

Keywords: Contemporary Pedagogy, Skill Development, Learner-Centered Learning, Digital Learning, 21st Century Skills.

1. Introduction

Although education has always been important in forming people and societies, the demands of the twenty-first century have drastically changed its goals and methods. In the past, education mostly concentrated on teacher-centered methods in which students learned from their teachers through lectures, memorization, and standardized tests. Rapid developments in globalization, technology, and knowledge economies, however, have made it necessary to move toward more

dynamic, learner-centered approaches that prioritize the development of critical skills needed for real-life situations in addition to knowledge acquisition [18].

Pedagogy, in its broadest sense, refers to the art and science of teaching and learning processes. Contemporary pedagogy moves beyond conventional instructional practices to incorporate innovative, flexible, and inclusive strategies that actively engage learners. These approaches recognize students as active participants in the learning process and focus on developing higher-order thinking skills such as critical thinking, creativity, collaboration, and problem-solving [11]. This shift reflects the growing understanding that education should prepare learners not just for examinations, but for complex social, professional, and technological environments.

In recent years, the concept of skill development has gained prominence in educational discourse, particularly in the context of employability and sustainable development. Skills such as communication, digital literacy, adaptability, and teamwork are increasingly valued in modern workplaces. As highlighted by the World Economic Forum (2020) [22], the future workforce requires a blend of cognitive, social, and emotional skills to navigate rapidly changing job markets. Consequently, educational institutions are expected to align their teaching methodologies with these evolving skill demands.

Contemporary pedagogical trends—such as experiential learning, collaborative learning, problem-based learning, and blended learning—have emerged as effective means of bridging the gap between theoretical knowledge and practical application. These approaches emphasize active engagement, real-world problem solving, and the integration of technology, thereby fostering a deeper understanding of content and enhancing skill acquisition [10][15]. Moreover, the integration of digital technologies, including online learning platforms and artificial intelligence, has further expanded the scope and accessibility of education, enabling personalized and flexible learning experiences [16].

Despite these advancements, the transition from traditional to contemporary pedagogy is not without challenges. Issues such as inadequate infrastructure, lack of teacher training, and the digital divide continue to hinder effective implementation, particularly in developing countries. Nevertheless, the potential benefits of modern pedagogical approaches in promoting holistic development and lifelong learning make them an essential area of study and practice.

The purpose of this chapter is to offer a conceptual analysis of current pedagogical trends and their contribution to skill development. It investigates how teaching and learning processes are changing, looks at important pedagogical strategies, and assesses how they help students acquire the critical skills needed in today's society. By doing this, the chapter aims to emphasize how crucial it is to implement cutting-edge teaching techniques in order to satisfy the demands of 21st-century education and the workplace.

Main Objectives of the Chapter

- To understand the concept of contemporary pedagogical trends in education.
- To examine different modern teaching approaches such as experiential, collaborative, and problem-based learning.
- To analyze the role of these pedagogical trends in developing essential skills among learners.
- To explore the importance of technology in enhancing modern teaching and learning processes.
- To identify the benefits and challenges of implementing contemporary pedagogical practices.
- To suggest effective strategies for improving skill development through modern pedagogy.

2. Concept of Contemporary Pedagogy

Contemporary pedagogy refers to modern approaches to teaching and learning that respond to the changing needs of society, learners, and the global knowledge economy. Unlike traditional pedagogy—which is primarily teacher-centered and focused on content delivery—contemporary pedagogy emphasizes learner-centered practices, active engagement, and the development of skills alongside knowledge. It reflects a shift from “teaching as transmission” to “learning as construction,” where students actively participate in creating their own understanding [3].

At its core, contemporary pedagogy is grounded in constructivist theories of learning, which suggest that learners build knowledge through experience, interaction, and reflection. Educational theorists such as Jean Piaget and Lev Vygotsky emphasized that learning is an active and social process. Piaget highlighted the role of cognitive development and individual discovery, while Vygotsky stressed the importance of social interaction and cultural context in shaping learning. These foundational ideas strongly influence modern teaching practices that encourage collaboration, inquiry, and experiential learning [20][14].

One of the defining features of contemporary pedagogy is its learner-centered orientation. In this approach, the needs, interests, abilities, and learning styles of students are given priority. Teachers act as facilitators or guide rather than mere transmitters of information. This shift empowers learners to take responsibility for their own learning, promotes autonomy, and encourages critical thinking [21].

Contemporary pedagogy also emphasizes active and experiential learning. Instead of passive listening, students engage in activities such as discussions, projects, simulations, and real-world problem solving. Approaches like experiential learning, proposed by David A. Kolb, highlight the importance of learning through experience, reflection, and application. Such methods help learners connect theoretical knowledge with practical situations, thereby improving understanding and retention [10].

In addition, modern pedagogy promotes collaborative and social learning. Students work in groups, share ideas, and learn from one another. This not only enhances academic learning but also develops essential soft skills such as communication, teamwork, and leadership.

A further key feature is the focus on competency and skill-based education. Contemporary pedagogy prioritizes the development of competencies—what learners can actually do with their knowledge—over rote memorization. This approach aligns education with real-world requirements and employability skills, including problem-solving, creativity, adaptability, and digital literacy [11].

3. Major Contemporary Pedagogical Trends

Contemporary pedagogy includes innovative teaching approaches that focus on active learning, student engagement, and skill development. These methods move beyond traditional lecture-based teaching and prepare learners for real-world challenges.

- **Experiential Learning:** Experiential learning focuses on “learning by doing,” where students learn through experience, reflection, and application. Activities include fieldwork, internships, and simulations, helping students connect theory with practice.
- **Collaborative Learning:** Collaborative learning involves group work where students learn together. Based on ideas of Lev Vygotsky, it promotes teamwork, communication, and shared understanding through discussions and group tasks [20].
- **Problem-Based Learning (PBL):** PBL is a student-centered approach where learners solve real-life problems. It develops critical thinking, analytical skills, and decision-making by encouraging research and practical solutions.
- **Inquiry-Based Learning:** Inquiry-based learning encourages students to ask questions and explore topics independently. Inspired by John Dewey, it promotes curiosity, research skills, and deeper understanding [5].
- **Blended Learning:** Blended learning combines classroom teaching with online learning. It offers flexibility and supports personalized learning using digital tools and platforms.
- **Flipped Classroom:** In the flipped classroom, students learn content at home and use class time for discussions and activities. This increases engagement and allows deeper understanding.
- **Competency-Based Education (CBE):** CBE focuses on mastering skills rather than completing a syllabus. Students progress based on their ability, making learning more personalized and skill-oriented.
- **Project-Based Learning:** Project-based learning involves working on real-world projects over time. It enhances creativity, collaboration, and problem-solving skills.
- **Personalized Learning:** Personalized learning adapts teaching to individual student needs, interests, and pace, often using technology to improve learning outcomes.

- **Gamification and Game-Based Learning:** These approaches use game elements or games to make learning engaging and interactive, while developing problem-solving and decision-making skills.

These pedagogical trends highlight a shift from teacher-centered to student-centered learning. They enhance engagement, understanding, and skill development, helping learners become more capable and future-ready.

4. Role of Technology in Modern Pedagogy

Technology has become a central element of modern pedagogy, transforming teaching and learning in the 21st century. It enhances access, improves quality, and supports flexible, learner-centered approaches. As noted by Neil Selwyn, technology is now an integral part of pedagogical design rather than just a supporting tool [16].

One major role of technology is improving access to learning resources. Digital platforms, online libraries, and open educational resources allow students to learn anytime and anywhere, reducing dependence on traditional methods and promoting continuous learning.

Technology also makes learning more interactive and engaging. Tools such as videos, animations, simulations, and virtual labs help simplify complex concepts and cater to different learning styles, increasing student motivation and participation.

Another important contribution is personalized learning. Advanced technologies, including artificial intelligence, enable adaptive learning systems that provide customized content based on students' needs and pace. This helps in addressing individual learning gaps and improving outcomes.

In addition, technology supports blended and online learning models through Learning Management Systems (LMS) and virtual classrooms. These tools ensure flexibility and continuity in education, as seen during the COVID-19 pandemic.

Technology further enhances collaboration and communication by enabling students to interact through discussion forums, shared platforms, and online tools, promoting teamwork and global connectivity.

It also plays a key role in assessment by enabling continuous evaluation, instant feedback, and data-driven insights for improving teaching strategies.

Moreover, technology promotes inclusive education by supporting learners with diverse needs through assistive tools and by reaching remote areas.

However, challenges such as the digital divide, lack of infrastructure, and limited technical skills must be addressed for effective implementation.

5. Concept of Skill Development

Skill development is a key focus of modern education, especially in a rapidly changing world influenced by technology, globalization, and evolving job markets. It refers to the process of acquiring and improving abilities that help individuals perform tasks effectively in real-life

situations. Unlike traditional education, which emphasized theoretical knowledge, contemporary education gives equal importance to practical, cognitive, and social skills [11].

A skill can be defined as the ability to apply knowledge in a meaningful way. Skills are developed through continuous learning, practice, and experience. As highlighted by UNESCO, skill development is a lifelong process that enables individuals to adapt, solve problems, and contribute to society [19].

5.1 Types of Skills

Skill development includes different types of abilities:

- **Cognitive Skills:** These involve thinking, reasoning, and problem-solving. Frameworks like Bloom's Taxonomy emphasize higher-order thinking such as analyzing, evaluating, and creating.
- **Technical Skills (Hard Skills):** These are job-specific skills such as coding, data analysis, and use of digital tools. They are measurable and gained through training and education.
- **Soft Skills (Life Skills):** These include communication, teamwork, leadership, and adaptability. According to the World Economic Forum, such skills are essential for employability in the modern workforce.
- **Metacognitive Skills:** These involve self-awareness and control over learning, such as planning, monitoring, and self-evaluation.

5.2 Importance of Skill Development

Skill development is important for personal, academic, and professional success. It enhances employability by preparing individuals with relevant competencies required in the job market. It also supports holistic development by integrating intellectual, emotional, and social growth.

At a broader level, skill development contributes to economic growth and national development by creating a productive and innovative workforce [12].

5.3 Skill Development in Education

Modern education systems integrate skill development into curriculum, teaching methods, and assessment. Approaches like experiential learning, problem-based learning, and collaborative learning help students develop practical and transferable skills.

Technology also plays an important role by promoting digital literacy and supporting interactive learning. Assessment methods such as projects, portfolios, and continuous evaluation help measure both knowledge and skills [2].

6. Link Between Pedagogical Trends and Skill Development

The relationship between contemporary pedagogical trends and skill development is strong and direct. Modern teaching approaches move beyond rote learning and focus on developing essential 21st-century skills. These approaches create active, learner-centered environments where students engage, explore, and apply knowledge in real-life contexts [11].

A key aspect of this link is the shift from teacher-centered to learner-centered education. Students actively participate in learning through discussion, inquiry, and practice, which enhances critical thinking, creativity, and problem-solving abilities [3].

- **Development of Cognitive Skills:** Approaches like problem-based, inquiry-based, and project-based learning help develop higher-order thinking skills such as analysis, evaluation, and decision-making. Students learn by solving real-life problems, leading to deeper understanding.
- **Enhancement of Critical Thinking and Creativity:** Pedagogies inspired by John Dewey encourages curiosity and independent thinking. Activities involving projects and experiments promote creativity and innovation.
- **Communication and Collaboration Skills:** Collaborative learning helps students work in groups, improving communication, teamwork, and leadership. The ideas of Lev Vygotsky highlight the importance of social interaction in learning [20].
- **Self-Directed and Lifelong Learning Skills:** Personalized learning and flipped classrooms encourage students to take responsibility for their learning. These approaches develop self-regulation and lifelong learning abilities [23].
- **Technical and Digital Skills:** Technology-based pedagogies help students develop digital literacy and technical competencies, which are essential in today's workforce.
- **Real-World and Employability Skills:** Experiential learning, associated with David A. Kolb, connects theory with practice. Activities such as internships and projects prepare students for real-world challenges [10].
- **Holistic Development:** Contemporary pedagogical trends support overall development by integrating cognitive, emotional, and social skills. Students become confident, responsible, and adaptable individuals.

7. Benefits of Contemporary Pedagogical Trends

Contemporary pedagogical trends have transformed education by making learning more engaging, practical, and relevant to real-life needs. These approaches go beyond academic achievement and support overall skill development and personal growth.

- **Enhanced Student Engagement and Participation:** Modern methods such as experiential learning, gamification, and collaborative activities actively involve students in the learning process. This increases motivation, interest, and participation, leading to better learning outcomes [15].
- **Development of Critical Thinking and Problem-Solving Skills:** Approaches like problem-based and inquiry-based learning help students analyze situations and develop solutions. The ideas of John Dewey emphasize learning through experience and reflection, which strengthens critical thinking [5].

- **Promotion of Communication and Collaboration Skills:** Collaborative learning enables students to work in groups, improving communication, teamwork, and interpersonal skills. Lev Vygotsky highlighted the importance of social interaction in learning [20].
- **Personalized and Flexible Learning:** Modern pedagogy supports individualized learning paths, allowing students to learn at their own pace. This flexibility ensures that diverse learners receive appropriate support [13].
- **Integration of Technology and Digital Literacy:** The use of digital tools enhances learning and helps students develop digital skills essential for the modern world [16].
- **Real-World Relevance and Practical Application:** Experiential and project-based learning, linked with David A. Kolb [10], help students apply knowledge in real-life situations, improving employability skills.
- **Holistic Development of Learners:** These approaches focus on cognitive, emotional, and social development, helping students become responsible and well-rounded individuals.
- **Encouragement of Lifelong Learning:** Contemporary pedagogy promotes curiosity, independence, and continuous learning, preparing students to adapt to changing environments [11].
- **Inclusive and Equitable Education:** Modern teaching practices support diverse learners and promote equal access to education. Organizations like UNESCO emphasize inclusive education.

8. Challenges and Limitations of Contemporary Pedagogical Trends

While contemporary pedagogical trends offer many benefits, their implementation faces several challenges that can affect their effectiveness and accessibility. Understanding these limitations is important for improving educational practices.

- **Lack of Infrastructure and Resources:** Many institutions, especially in developing regions, lack proper infrastructure such as digital devices, smart classrooms, and reliable internet. This limits the effective use of modern teaching methods.
- **Digital Divide and Accessibility Issues:** The gap between students who have access to technology and those who do not creates inequality in learning opportunities. Organizations like UNESCO highlight this as a major barrier to inclusive education.
- **Lack of Teacher Training:** Teachers may not have adequate training or digital skills to implement innovative pedagogies. As noted by Neil Selwyn [16], effective use of technology requires proper professional development.
- **Resistance to Change:** Teachers and institutions may resist shifting from traditional methods due to comfort and familiarity. John Dewey emphasized that educational change requires a shift in mindset.

- **Curriculum and Assessment Constraints:** Traditional curricula and exams often focus on rote learning, making it difficult to implement skill-based and innovative teaching approaches.
- **Time Constraints and Workload:** Modern teaching methods require more time for planning, activities, and assessment, increasing teachers' workload and making implementation challenging.
- **Unequal Student Readiness:** Students differ in abilities, motivation, and learning styles. Some may struggle with self-directed or collaborative learning, affecting participation and outcomes.
- **Overdependence on Technology:** Excessive reliance on technology can lead to technical issues, reduced face-to-face interaction, and concerns about screen time and data privacy.
- **Financial Constraints:** Implementing modern pedagogy requires investment in technology, training, and resources, which may not be feasible for all institutions.

9. Strategies for Effective Implementation of Contemporary Pedagogical Trends

The effective implementation of contemporary pedagogical trends requires proper planning, teacher readiness, institutional support, and continuous improvement. The following strategies help ensure successful adoption for meaningful learning and skill development.

- **Teacher Training and Professional Development:** Teachers need continuous training in learner-centered methods, digital tools, and classroom management. As emphasized by John Dewey, teaching improves through reflection and ongoing learning.
- **Curriculum Redesign and Alignment:** Curriculum should align with modern approaches by including project-based, inquiry-based, and experiential learning. It should focus on competencies and clearly defined learning outcomes.
- **Integration of Technology:** Institutions should provide access to digital tools, LMS platforms, and multimedia resources. Technology should be used to enhance engagement, personalization, and collaboration.
- **Student-Centered Approaches;** Teaching should focus on active participation, problem-solving, and self-directed learning, helping students develop critical thinking and creativity.
- **Continuous and Comprehensive Assessment:** Assessment methods should include formative tests, projects, presentations, and peer evaluation to measure both knowledge and skills.
- **Institutional Support and Leadership:** Strong leadership is needed to provide infrastructure, encourage innovation, and support collaboration among teachers.
- **Addressing the Digital Divide:** Efforts must be made to ensure equal access to technology.

- **Collaboration with Industry and Community:** Partnerships with industry and community provide real-world exposure through internships, projects, and expert interactions.
- **Encouraging Reflective Practice:** Teachers and students should engage in self-assessment, feedback, and reflection to improve learning outcomes.
- **Policy Support and Educational Reforms:** Government policies should promote skill-based education, provide funding, and support innovation for sustainable implementation.

10. Future Trends in Pedagogy

The future of pedagogy is shaped by rapid technological advancements, changing societal needs, and a strong focus on skill-based and lifelong learning. Emerging trends emphasize personalization, flexibility, innovation, and the integration of advanced technologies.

- **Artificial Intelligence (AI) in Education:** AI will transform teaching by enabling personalized learning, real-time feedback, and predictive analytics to support student progress [8].
- **Personalized and Adaptive Learning:** Learning will be tailored to individual needs, pace, and interests, improving engagement and achievement [13].
- **Blended and Hybrid Learning:** The combination of online and face-to-face learning will continue to grow, offering flexibility and accessibility [7].
- **Gamification and Immersive Learning:** Use of game elements and technologies like VR/AR will make learning interactive and engaging, enhancing understanding [4].
- **Competency-Based Education:** Education will focus on skill mastery rather than time-based learning. Organizations like the World Economic Forum highlight the importance of employability skills.
- **Lifelong Learning and Microlearning:** Continuous learning will become essential, with short and focused learning modules supporting ongoing skill development.
- **Data-Driven Education:** Learning analytics will help track progress and improve teaching strategies [17].
- **Inclusive Education and UDL:** Future pedagogy will promote accessibility and inclusion. UNESCO emphasizes equal learning opportunities for all.
- **Interdisciplinary and Experiential Learning:** Learning will integrate multiple subjects and real-world experiences, as supported by John Dewey [5].
- **Global and Collaborative Learning:** Technology will enable global interaction, enhancing communication and cultural understanding.

Conclusion

A significant change from traditional teacher-centered methods to learner-centered approaches that emphasize skill development and active involvement is represented by current pedagogical trends. In the quickly evolving world of today, education emphasizes critical thinking, creativity,

communication, teamwork, and digital literacy in addition to knowledge acquisition. The gap between theory and practice is bridged by contemporary methods like problem-based learning, blended learning, experiential learning, and collaborative learning. These approaches encourage the growth of students' social, technical, and cognitive abilities while actively involving them. These methods have a solid basis in the theories of David A. Kolb, Lev Vygotsky, and John Dewey. Technology has further strengthened modern pedagogy by making learning more flexible, personalized, and inclusive. However, challenges such as the digital divide, lack of infrastructure, limited teacher training, and resistance to change need to be addressed. In brief, contemporary pedagogical trends are essential for holistic development and lifelong learning. They prepare learners to face real-world challenges and contribute effectively in an increasingly complex and interconnected world.

References

1. Anderson, L. W., & Krathwohl, D. R. (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives*. Longman.
2. Black, P., & Wiliam, D. (1998). Assessment and classroom learning. *Assessment in Education: Principles, Policy & Practice*, 5(1), 7–74.
3. Bransford, J. D., Brown, A. L., & Cocking, R. R. (2000). *How people learn: Brain, mind, experience, and school*. National Academy Press.
4. Deterding, S., Dixon, D., Khaled, R., & Nacke, L. (2011). From game design elements to gamefulness: Defining “gamification.” In *Proceedings of the 15th International Academic MindTrek Conference* (pp. 9–15).
5. Dewey, J. (1938). *Experience and education*. Macmillan.
6. Flavell, J. H. (1979). Metacognition and cognitive monitoring: A new area of cognitive–developmental inquiry. *American Psychologist*, 34(10), 906–911.
7. Graham, C. R. (2013). Emerging practice and research in blended learning. In M. G. Moore (Ed.), *Handbook of distance education* (3rd ed., pp. 333–350). Routledge.
8. Holmes, W., Bialik, M., & Fadel, C. (2019). *Artificial intelligence in education: Promises and implications for teaching and learning*. Center for Curriculum Redesign.
9. Johnson, D. W., & Johnson, R. T. (2009). An educational psychology success story: Social interdependence theory and cooperative learning. *Educational Researcher*, 38(5), 365–379.
10. Kolb, D. A. (1984). *Experiential learning: Experience as the source of learning and development*. Prentice Hall.
11. Organisation for Economic Co-operation and Development (OECD). (2018). *The future of education and skills: Education 2030*. OECD Publishing.
12. Organisation for Economic Co-operation and Development (OECD). (2019). *OECD skills outlook 2019: Thriving in a digital world*. OECD Publishing.

13. Pane, J. F., Steiner, E. D., Baird, M. D., & Hamilton, L. S. (2017). *Informing progress: Insights on personalized learning implementation and effects*. RAND Corporation.
14. Piaget, J. (1970). *Science of education and the psychology of the child*. Orion Press.
15. Prince, M. (2004). Does active learning work? A review of the research. *Journal of Engineering Education*, 93(3), 223–231.
16. Selwyn, N. (2016). *Education and technology: Key issues and debates*. Bloomsbury Academic.
17. Siemens, G., & Baker, R. S. J. d. (2012). Learning analytics and educational data mining: Towards communication and collaboration. In *Proceedings of the 2nd International Conference on Learning Analytics and Knowledge* (pp. 252–254).
18. UNESCO. (2015). *Rethinking education: Towards a global common good?* UNESCO Publishing.
19. UNESCO. (2017). *A guide for ensuring inclusion and equity in education*. UNESCO Publishing.
20. Vygotsky, L. S. (1978). *Mind in society: The development of higher psychological processes*. Harvard University Press.
21. Weimer, M. (2013). *Learner-centered teaching: Five key changes to practice* (2nd ed.). Jossey-Bass.
22. World Economic Forum. (2020). *The future of jobs report 2020*. World Economic Forum.
23. Zimmerman, B. J. (2002). Becoming a self-regulated learner: An overview. *Theory Into Practice*, 41(2), 64–70.

EFFECTIVENESS OF DIVERSITY, EQUITY, AND INCLUSION (DEI) INITIATIVES

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Abstract

Due to the growing significance of fair, respectful, and high-performing workplaces, diversity, equity, and inclusion (DEI) programs have come to the forefront of organizations intending to achieve a balance between the three aspects of a company-employee relationship. They are aimed at offering equal opportunities, valuing different opinions, and creating the atmosphere where all employees feel part of the company, irrespective of their background. The performance of DEI programs is usually measured by the engagement of employees, innovation, attraction and retention of talents, as well as organizational reputation. Effective implementation will incorporate non-discriminatory employment practices, fair practices and policies, ongoing awareness campaigns, mentoring, and open reporting channels. Studies have shown that firms that are really successful in terms of DEI practices have better levels of creativity, better decision making and better competitive advantages. Nevertheless, it remains the support of a real leader, clear missions, and the integration of DEI into the organizational culture instead of it being a short-term project that will only be mentioned. Issues like unconscious bias, token representation, resistance to change are some of the challenges that may derail the progress unless they are managed. The contemporary business world is a dynamic environment, which means that to achieve sustainable success in the field of DEI, it is necessary to invest and develop new knowledge and involve all layers of the organization. DEI in its well-executed form helps in personal development and success of the whole organization.

Keywords: Inclusion, Equity, Diversity, Organizational Reputation, High-Performing Places.

Introduction

Equity, diversity, and inclusion (EDI) are now part of the contemporary organizational strategy that shapes the culture of workplaces, performance, and the impact on the community (Ferdy *et al.*, 2024; Shekhar *et al.*, 2025). Gender, ethnicity, culture, abilities and perspectives differences are becoming an important aspect to embrace in organizations in the globalized environment

(Woldeyesus AS., 2025). Equity provides equality of access to resources and opportunities, diversity insists on having diverse backgrounds and experience, and inclusion aims at providing the environment in which people feel respected, valued, and empowered (Mullen *et al.*, 2021).

EDI implementation is not limited to regulatory compliance but also indicates the willingness of an organization to act ethically, be innovative, and sustainable in the long term (Majdi *et al.*, 2024; Atescan *et al.*, 2024; Schork *et al.*, 2025). According to the research, inclusive workplaces increase employee engagement rates, enhance creativity, and problem-solving abilities (Bilqees *et al.*, 2023). Thus, EDI projects are required not only to create equitable and non-discriminating work environments but also to make organizations more flexible and competitive in the fast-evolving world.

Objectives

The main goal of DEI programs is to establish the environment in which everyone feels respected, appreciated, and able to succeed.

The key objectives include:

- Creating a respectful and inclusive organizational culture.
- Providing equal chances and resources.
- More representation of different groups at all levels of the organization.
- Promoting teamwork and creativity with the diversity of views.
- Nurturing the employees by providing training and development opportunities.
- Encouraging transparency and accountability by having set targets.

By achieving these goals, organizations would be in a position to establish an inclusive work environment that is productive and boosts their performance.

Methodology

This research is supported by the secondary data gathered on the basis of reports, case studies, and corporate publications of the 2023-2024 years. Reported by global consulting companies, corporate disclosure of DEI, and recent publications are all sources. One of the approaches that has been employed to assess the effectiveness of DEI initiatives in different industries and regions is the use of comparative analysis approach.

Types of DEI Initiatives

To create fair workplaces, organizations have a wide range of DEI programs, including inclusive recruitment, Employee Resource Groups (ERGs), mentorship, and pay audit programs. Such programs increase innovativeness and employee satisfaction, where international companies such as Microsoft have advanced representation in the form of tracking systems and Unilever has gender balance in the management. Tata steel has hired transgender people in core positions in India, Infosys has been promoting women leadership and Mahindra group has also introduced inclusion policies on LGBTQ. Although these have advantages, some issues that firms encounter are cultural opposition, tokenism and responsibility. The example and significant types of DEI

initiatives include: **Inclusive Hiring Practices:** Organizations eliminate discrimination by promoting blind hiring and diverse interview teams to get more people into the organization. **Employee Resource Groups (ERGs):** the latter offer assistance and networking to underrepresented workers and ensure that employees feel belonging. **Mentorship and Leadership Programs** Infosys came up with programs that targeted at enhancing the representation of women in top positions. **Equity Action Plans and Pay Audits:** Organizations do audits to provide equal compensation and establish specific objectives that should be achieved. **DEI Training Programs:** In order to curb unconscious bias and the creation of an inclusive culture among employees, training is needed.

Inclusive Benefits and Accessibility: Gender-neutral benefits, flexible work hours, and disability support are some of the policies that promote accessibility. **Supplier Diversity Initiatives:** Business enterprises promote economic inclusion by engaging different-owned businesses. **Leadership Accountability and Reporting:** The Microsoft Company measures diversity data and releases reports to keep leaders responsible in terms of progress. **Critical Problems of DEI Implementation.** Although the advantages are high, companies have big obstacles. Cultural resistance can be seen in cases where employees feel that the changes are not fair plus fear of identity loss can also bring about resistance. **Hypocrisy- tokenism- Superficial representation-** It can often happen when organizations are preoccupied with the numbers of diversity and the actual inclusion is not brought about. Moreover, the absence of the support of leaders can make the programs useless and the measurement problems lead to the impossibility to trace the real progress and the gaps in the implementation will be observed in various regions or departments.

Effectiveness Global Analysis

- Diversity tracking systems developed at Microsoft enhanced the representation and transparency.
- Unilever has reached gender balance in the management and this has resulted in greater brand value and employee satisfaction.
- One of the studies conducted by BCG revealed that the most innovative companies in terms of revenue are those that are led by diverse leaders.

Indian Examples

- Tata Steel has also implemented inclusive hiring policies by hiring transgender people in the core positions.
- Infosys enhanced the female presence in leadership by way of training.
- Mahindra Group introduced LGBTQ+ policies, which are on the industry standards.

The most critical problems of DEI implementation

DEI initiatives have a number of barriers in organizations:

- Legal and Political Issues - External issues can influence the policies of DEI.
- Cultural Resistance- Employees can oppose change because it seems that it is unfair.

- Fear of Identity Loss - There are people who are threatened by the diversity programs.
- Absence of Leader Support - Ineffectiveness is low when leaders are not dedicated to it.
- Measurement Problems - Problems with monitoring progress as the data are inadequate.
- Tokenism - Nominal representation and actually no inclusion.
- Absence of Real Inclusion - Diversity without Inclusion is limiting.
- Gap in implementation - Lacks of uniformity in practices in different regions or departments.

Findings and Discussion

- DEI Enhances performance and innovation.
- Companies that practice DEI have well-performing financial results and innovation.
- Talent Retention and attraction.
- Employees in the modern world want to work in companies that have high DEI, which enhances the hiring and retention process.
- Significance of Data-Centered Strategies.
- DEI programs are more effective with the help of data and analytics.
- Organizational Culture Role.
- Inculcation of DEI in the culture translates to increased profitability and flexibility.
- Weaknesses of Training Alone.
- It cannot be confined to one-time training, but there should be continuous efforts.
- Emerging Risks
- Organizations have to change the DEI strategy in legal and social issues.

Recommendations

In order to enhance the success of the DEI programs, organizations are advised to:

- Make DEI a central element of business practices and decision making.
- Concentrate on results and not symbolic performances.
- Provide good leadership dedication and responsibility.
- Check progress using data and technology.
- Foster the inclusive culture in the workplace even though statistics of diversity are high.
- Disability and gender identity are just a few of the many aspects of diversity to address.
- Make frequent audits and promote cross-functional cooperation.

Conclusion

DEI initiatives do not just have a positive ethical impact on organizations but also have strategic benefits. Those companies which manage to incorporate DEI in their culture and operations are more likely to be more successful in terms of innovation, employee engagement and reputation. Nevertheless, effectiveness can be diminished by shallow attempts and not being committed.

Nevertheless, in the long run, organizations that are well-practicing in terms of DEI continue to enjoy the benefits despite external challenges.

References

1. Leuhery, F., Padang, N. S., Karyono, Puspitasari, D., & Judijanto, L. (2024). Workplace diversity and inclusion: Strategies for effective implementation and benefits to organizational culture. *Dinasti International Journal of Economics, Finance and Accounting*, 5(4), 4647–4653. <https://doi.org/10.38035/dijefa.v5i4>
2. Shekhar, K., & Srivastava, S. (2025). Diversity, equity, and inclusion in the Indian IT sector: A rapid literature review. *Journal of Marketing & Social Research*, 2(4), 153–162. <https://doi.org/10.61336/jmsr/25-04-21>
3. Woldeyesus, A. S. (2025). Exploring the management of workplace diversity, inclusion and equality: A glance of workplace diversity management. *Current Trends in Engineering Science*, 4, 1070. <https://doi.org/10.54026/CTES/1070>
4. Mullin, A. E., Coe, I. R., Gooden, E. A., Tunde-Byass, M., & Wiley, R. E. (2021). Inclusion, diversity, equity, and accessibility: From organizational responsibility to leadership competency. *Healthcare Management Forum*, 34(6), 311–315. <https://doi.org/10.1177/08404704211038232>
5. Quttainah, M. A., & Ayadi, I. (2024). The impact of digital integration on corporate sustainability: Emissions reduction, environmental innovation, and resource efficiency in Europe. *Journal of Innovation & Knowledge*, 9(3), 100525. <https://doi.org/10.1016/j.jik.2024.100525>
6. Atescan-Yuksekk, Y., Patsavellas, J., & Salonitis, K. (2024). Strategic implementation of equity, diversity, and inclusion: Unveiling the multifaceted impact on innovation, governance, and ethical conduct in engineering organizations. *Frontiers in Engineering*, 2, 1426631. <https://doi.org/10.3389/fieng.2024.1426631>
7. Schork, S., Özdemir-Kaluk, D., & Zerey, C. (2025). Understanding innovation and sustainability in digital organizations: A mixed-method approach. *Sustainability*, 17(2), 415. <https://doi.org/10.3390/su17020415>
8. Ghani, B., Hyder, S. I., Yoo, S., & Han, H. (2023). Does employee engagement promote innovation? The facilitators of innovative workplace behavior via mediation and moderation. *Heliyon*, 9(11), e21817. <https://doi.org/10.1016/j.heliyon.2023.e21817>

**“WHY SHOULD I SPEAK UP?” –
EMPLOYEE SILENCE: CAUSES AND CONSEQUENCES**

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Abstract

Focus: The Purpose of this study was to overview and understand the causes and consequences of employee silence and design strategies for the same.

Methodology: Qualitative research was being undertaken. semi structured interviews were done as a part of data collection from 20 respondents through judgemental sampling.

Findings: Various causes were identified along with the consequences of employee silence. Causes include organizational politics, misuse of power, personal factors, to name a few, and consequences are in the form of job dis satisfaction, lower career growth, mental stress etc.

Conclusion: Employee silence is a matter of concern for the organizations if it is in negative context and organizations need to be very careful and thoughtful of how to deal with it.

Keywords: Employee Silence, Productivity, Voice, Dis Engagement, Strategic Silence, Exit.

Introduction

Every employee joins an organization considering they will be effective in the organization and will contribute to its productivity but there are certain incidents/causes which makes them remain “ Silent”. Employee silence as a research topic is gaining importance over the years. Now not just being used as a construct but considering it as a whole topic it has gained widespread recognition.

Employee silence can be defined as a situation or a circumstance when an employee decides not to speak up. Employee silence is the opposite of voice. It is often also called as the ‘mum‘ effect. One concept aligning with silence is the strategic silence which is deciding when, where and why to remain silent i.e deciding the right time, right situation and right place to speak up or remain silent. Every employee while joining the organization has in their mind that they would be the asset for the company, they would take part in the decision-making process of the organization, they would prove their loyalty but then certain occurrences makes them silent.. An employee being silent is not good on both the part – neither for the employees nor for the organization. It shows there’s something wrong on the part of organizational culture and climate. There is still ongoing debate whether silence should be seen as a positive way or a negative manner.

There are certain legislations as well as HR practices which talks about involving employees in decision making, workers participation in management, having a diverse and inclusive workplace etc and when organizations fail to meet these, employees adopt the ‘mum ‘effect.

Employee Voice Employee Silence

Strategic Silence

David is an employee of XYZ co limited (Changed name) who has joined this company just a month back. He is a 26 year old MBA graduate and this company happens to be his first work place. He had kept a lot of expectations from himself as well as the company. He wanted to give his best, voice his opinions, be friendly with everyone. This organization is headquartered in Ranchi, Jharkhand. David is the only employee who belongs to north east. He was always discriminated in the workplace, no one wanted to take him in their group. He would always feel lonely. These all lead him being silent in the organization, not speak up much because he could not feel being himself in the organization. He could not trust the organization. There was no sense of autonomy and initiative which he could undertake.

Silence behaviour of employees can be very destructive for the organization at times because as it is said one should not fear from people who speak wrong /negative things rather one should be afraid of people who don't speak up. Employee silence occurs when they withhold their thoughts, opinions, ideas, etc to themselves and don't speak up. These things can lead to employee exit, neglect towards their own work, bad word of mouth of the organisation. The features of employee silence include lack of communication unfriendly behaviour with the colleague's disengagement with the organisation culture. Report suggests that the incidence of employee silence has increased from 8% to 20% in 2021 (Harvard Business Review).

Employee silence can take the form of constructive and destructive silence. Constructive silence is when the silence is beneficial for the employees and organization while destructive silence is when silence has negative impacts for all the stakeholders of the organization.

Employee silence is a multifaceted phenomenon that often goes unnoticed until its detrimental effects become apparent. While many organizations prioritize open communication and employee feedback, employee silence persists in a variety of work environments, ranging from small startups to large corporations.

This brings us to the research question we aim to answer through this paper: *“Why employee silence occurs in organizations; the causes behind it, what consequences can it lead to, and the strategies the organizations can undertake to overcome it?”*

Review of Literature

S. No.	Paper Name	Authors	Journal Name	Findings
1.	Will I speak up or remain silent? Workplace ostracism and employee performance based on self-control perspective	Muhammad Kashif Imran, Tehreem Fatima, Ambreen Sarwar & Syed Muhammad Javed Iqbal	The Journal of Social Psychology	workplace ostracism leads to employee silence as they feel that their work is not being acknowledged. These leads to a feeling of isolation and exclusion. Out of 200 respondents surveyed, all showed a positive correlation between workplace ostracism and employee silence.
2.	When Is Silence Golden? A Meta-analysis on Antecedents and Outcomes of Employee Silence	Leilei Hao,Hui Zhu, Yuqian He,Jinyun Duan, Teng Zhao,Hui Meng	Journal of Business and Psychology	Results indicated that there was considerable influence of two of the personality traits of big five factors. The relationship with most of the hypothesized outcomes were found significant.
3.	Echoes of Silence: Employee Silence as a Mediator Between Overall Justice and Employee Outcomes	David B. Whiteside,Laurie J. Barclay	Journal of Business Ethics	Based on the findings, out of four forms of silence only one that is quiescent silence impacted the justice perception among employees.
4.	Do I Hear the Whistle...? A First Attempt to Measure Four Forms of Employee Silence and Their Correlates	Michael Knoll,Rolf van Dick	Journal of Business Ethics	Results show that silence is not always associated with the negative aspects of the organization. Silence can be good at times.
5.	Silence is not Golden: Motivating employee voice through inclusive leadership	Phillip M, Lindsey lee	Journal of Hospitality & Tourism Research	It was found that inclusive leadership could solve the problems of employee silence. 80% of the respondents favoured the adoption of inclusive leadership compared to other forms of leadership.

6.	Why do nurses choose to stay silent?: A qualitative study	Begüm Yalçın	International journal of Nursing Practice	fear, silence climate and disengagement emerged as three themes resulting from thematic analysis done as a part of this study. Nurses remain silent when they fear their seniors/bosses. Also another factor resulting in employee silence is the silence climate existing in the workplace. Dis engagement with the job is also a contributing factor to silence.
7.	An integrative systematic review of employee silence and voice in healthcare: what are we really measuring?	Olga Lainidi, Mimmi Kheddache Jend eby, Anthony Montgomery, Christos Mouratidis, Konstantina Paitaridou, Clare Cook, Judith Johnson and Eirini Karakasidou	Frontiers in Psychiatry	In health care, there is high level of heterogeneity between employee voice and silence.
8.	To speak up or stay silent? How employee-supervisor value differences affect speaking up behaviour in the hospitality industry	Yan Bao, Ping Han	International Journal of Hospitality Management	Findings suggests that the personality differences between the supervisor and employee leads the employee to be silent.
9.	Research on the mechanism of leader aggressive humor on	Helin Wei, Donglu Shan, Lu Wang, Shaoying Zhu	Journal of Vocational	Leader aggressive humor and employee silence was shown to have significant positive relationship with each

	employee silence: A conditional process model		Behaviour	other. What was found to have a negative relationship with employee silence was the psychological security.
10.	ANTECEDENTS AND CONSEQUENCES OF EMPLOYEE SILENCE: RESEARCH FRAMEWORK FOR INDIAN ORGANIZATIONS	Dr S C Das, Ms Alisha Samad	Unnati: The Business Journal	Result reveals it occurs positive relationship between silence & job satisfaction; subsequently investigated the four dimensions of silence in India (Fear of victimization, internal motivation, self-competence & self-image) whereas no relationship between silence & commitment on contrast of western studies. Silence has negative relationship with career satisfaction whereas stress has positive impact on silence.
11.	Employee silence in the context of unethical behavior at work: A commentary	Karen Harlos	German Journal of Human Resource Management	Employee silence in response to unethical behavior is driven by fear of retaliation and allows misconduct to persist, undermining organizational integrity and transparency

Methodology

Researchers used qualitative research for the study. Thematic analysis was employed. Data were collected from 20 employees as part of the study. Semi-structured interviews were conducted. The researchers aimed to understand the causes behind employee silence and its consequences. Judgmental sampling was used. Data were gathered through in-depth interviews with various organizational members. The interviews were conducted via Zoom and lasted an average of 20-30 minutes. All participants were informed about the study's objective. The respondent profile included employees aged 25-40 years. Consent was obtained before the interviews, and participants' identities were kept anonymous. The researchers conducted the interviews themselves. Each interview was carried out in English.

Findings

Findings of the study can be broadly categorised in to two categories: the causes of employee silence and the consequences.

Causes:

1. Fear

Many a times employee fear from their superiors / boss/ supervisor. It happens due to their rude behaviour or due to the personality trait of the employee. They have been probably raised in an environment where they are not so open with their seniors.

“My working culture was very nice in the organization I used to work at previously but the voice of my boss was so loud that I used to be scared of him. I remember he removed one of the employees from the job so out of fear I used to not speak up at the job. Just do my job and get back to home ‘. (R8).

2. Discrimination

It is often seen that in an organization an employee is discriminated because of various reasons: sexual orientation, Age, gender, native place etc. These discriminations create a very negative impact on the employees sometimes also impacting their mental health.

“The organization I was in before this, I was the only 27-year-old. Rest all were above 40s. So, they used to make a feel like an outlier, I wasn't being involved in any of their parties or meetings. I was discriminated a lot so I felt its better to be silent in the place where you are not valued “(R7).

3. Bad organizational culture

Organizational culture is defined as a shared values, beliefs etc held by the members of the organization and if the organization culture of the organization is not good, no employee would like to give their best in the work place. They would not be happy with the organization and not feel good to speak up leading to employee silence.

“My organization culture is so bad. No one takes responsibility for anything. Theres abusive supervision and hardly any one is satisfied with their job. I am just working here because of some financial constraints else I want to leave this job “ (R16).

4. Organizational Politics

Organizational politics can be good too but mostly it is seen in negative light and when there is negative politics, it leads to the suffering of many talented and innocent employees. No everyone is able to survive the organizational politics.

“I remember in my organization theres so much politics. I shared with one of my collagues some thing out of good faith but he went and told to everyone. That is when I felt its better to be silent here. This is very toxic environment. It's better to do your work, get paid and go home. (R 20).

5. Non – Involvement of employees in organizational matters

Every employee considers the organization as their own. They want to dedicatedly work and turn out to be an asset for the organization. They want to share their thought process and opinion with others but when they are not given freedom to do so they step back.

“I used to speak a lot in my initial days but when I saw the organization doesn’t value my words, doesn’t involve me in any decision-making process I felt bad. I prefer to be silent now “ (R18).

6. Personal Causes

Its not always the organizations which is responsible for employees being silent. Something the personal causes of employees also inhibit employee silence.

“I am a very introverted person. I don’t like to speak up. I fear what would other people think about myself. I feel happy being lonely and silent “ (R15).

7. Disengagement

Everything in the organization for an employee is centred around their jobs and if they are disengaged with their job, they don’t feel like speaking up. Job Satisfaction plays a crucial role for everything in the organization. Job satisfaction is closely link with employee voice / silence.

“I joined this organization with lot of expectations. I am not satisfied with my job. This is not I wanted to do. I cant even tell about this to anyone here in the job. Its better to be silent and ignore what’s happening “ (R13).

8. Past Experiences

It has been observed that past experiences of the person whether positive or negative impacts a lot in their thought process. If their organization where they have worked in the past didn’t had a voice culture, they would rather stay silent in the present organization as they are not used to speaking.

“In my past job, we were instructed not to speak much as we were lower in the hierarchy. Everything was controlled and managed by the top management. As we became so used to with all these there, we stay silent here too.

9. Negative Feedback from supervisors

Whenever an employee shares an idea, opinion, thought and if it is ignored or the feedback received from the supervisor is negative, the employee feels de motivated. They start assuming this organization and their supervisor doesn’t value their words.

“Whenever I used to share any idea with my supervisor, he would directly reject it without giving a thought and criticise me a lot with negative words. I used to feel disheartened. I am done now. These negative feedbacks hurts me. If your supervisor itself is so unsupportive, whom to say anything more ? (R11).

10. Perception

When employee perceives that their opinion is unlikely as better as others, they are less likely to express them. Our Perception impacts our decision making and our decision to remain silent is

very well affected by how we perceive people / things /objects around us. Perception is the way individuals attach meaning to the sensations around them.

“I Perceived that my opinions were considered invaluable in the organization so I stopped giving my opinions”.(R1)

Consequences of Employee Silence

When an employee is silent for whatever reason/ cause, it has detrimental effects on both the employees and the organization. While conducting interviews for the study, certain key consequences have been put forward by the interviewees as described below:

1. Impact on Productivity

Employee silence can impact the productivity to a greater extent because there are certain hinderances which forces them to adopt the power of silence because of which they are unable to devote their dedication to their work often impacting the productivity.

“I was having a nightmare due to a conflict with my boss because of which I used to be mostly remain silent. I was unable to concentrate on my work which reduced my effectiveness and efficiency”.

2. Reduced Team Performance

A team is made up of two or more people who join together to achieve a common goal and if any of the team members remain silent for whatever reason it impacts the team performance and team effectiveness.

“I was working in a team for a group project but I was always made felt that I didn't knew anything. I was embarrassed in front of everyone. I didn't contribute much in the team work that's why. I used to be mostly silent.

3. Stress

Stress is the body physiological and psychological response to the changing environment. An employee becomes silent when they feel there is no value for them and no one is there in the organization to listen to what they say. These things lead to them taking a lot of stress.

“I feel a lot stressed when ever I don't have any one to share my feelings to. Being silent for whatever reason is one of the worst feelings in the world “.

4. Hampering the Organizational Reputation

Silent employees reflect the bad organizational culture which ultimately hampers the organizations reputation because such employees give negative word of mouth to the people tarnishing the image of the company.

“I work as a HR Manager in a company where the attrition rate last year was 40% and that was because employees complained of not being involved in the decision making, not respecting the values of employees etc. Our HR team worked a lot to make things better and give the employees an inclusive work culture.”

5. Career Satisfaction

Career Satisfaction of such employees is considerably very low as compared to other employees. These employees do not remain happy in their career nor do they see a progress because engaging in silence behaviour they miss a lot of opportunities.

“I know a friend of mine who used to stay very silent because she didn’t feel good in the organization. His colleague now is far ahead than him in career because of his outgoing, gregarious and energetic nature “.

Strategies to overcome Employee Silence

As employee silence is very destructive for both employees and employers and can severely impact the organizations, it is very important to overcome employee silence and these strategies can be very crucial in helping it:

1. Ensure Employees Participation in Decision Making

Decision making is one of the important activities in the organization and it is often observed that it is just the top management which is involved in it. If employees are involved too in decision making part of organization, they feel valued and involved.

2. Two Way Communication

Communication is the sharing and exchange of ideas, thoughts, opinions etc between two or more people. An organization where there is proper communication, an organization where employees are given the autonomy to speak up will never inculcate the problem of silence so it is the responsibility of the employers to let employees communicate in the organization in an effective and efficient way. Communication is the way to solve a lot of issues and problems in organizations so it plays a vital role.

3. Create an Inclusive Environment

Inclusive environment is one where employees feel valued and respected in workplace. An organization can be diverse yet not inclusive. Giving an inclusive environment can solve the problem of employee silence to greater extent. It is the responsibility of HR in the organization to create an inclusive workplace and design strategies for the same. Inclusiveness impacts the employees in a positive manner and letting them feel being themselves in the workplace and when there is inclusiveness, it eradicates employee silence.

4. Employee Feedback Mechanism

The supervisors of the employees should take feedback from the employees on a regular basis regarding what they are liking in the organization, what can be improved, where they are lacking etc. These feedbacks, if taken regularly will make them feel important in the organization giving them a sense of having their say in the company. Employees should also receive positive feedback for their performance. Getting too much of criticisms and negative feedback leads them in disseminating their voice.

5. Create a culture of trust and taking initiative's

Organizations culture defines the organization and thus the organization should enable a culture where employees can trust everyone in the company. Integrity is the key to trust. Organizations should let employees take the initiatives. This will motivate them to do better and contribute more and will also not hamper employee voice.

Conclusion

It is very important for managers to give adequate importance to employee silence because it impacts organizational performance, employees job satisfaction, working conditions and attrition rate in the organizations. It has been seen that employee silence is studied in both positive and negative context but mostly it is the negative aspect of the employee silence which has been studied and highlighted more.

Employees choose the path of being silent voluntarily due to various causes like fear, bad working conditions and organizational culture, personal factors, abusive supervision, past experiences, discrimination, biasness and favouritism etc leading to decreased job satisfaction, stress, reducing team performance, decreasing organizational reputation etc.

Employee silence can be very detrimental for the organizations. Various strategies need to be implemented by the top management and authorities to ensure an inclusive workplace where employees feel valued, respect and motivated to work. Employees should be given a freedom to share their opinion or thoughts and the feedback should be given in a constructive manner. As and when employees start getting the sense of in belongingness in the workplace, they may not if leave the organization they start neglecting it.

While Employee silence varies across industries and companies like IT, Banking, academics, consulting etc it is prevalent in all kinds of organizations just that it varies in proportion. Humans are social animals and no matter what their personalities are, can't refrain from speaking so in this context in organizations when ever there is tendency for employees to stay silent it is a matter of concern for the organization.

Practical Implications

This topic and paper can serve as a guiding force in understanding this often-ignored concept in organizations which is "Employee silence ". Organizations can know the various causes as underlined in this paper to see if these circumstances prevail in their organizations too and undertake effective measures to ensure there is a win – win situation for both the employees and the organizations.

Limitations and Scope for Future Research

The major limitation of this paper was the time constraints as it was very short span of time for completing this research. Moreover, the research is qualitative. Quantitative research would have added more value to this research.

Future research is abundant for this topic. Qualitative, Quantitative or mixed research can be undertaken. Future research can explore the influence of cultural context for employee silence, Supervisors perception towards employee silence. Moreover, mostly research has focused on the negative side of employee silence. Future researchers can explore When is employee silence good plus strategic silence can be undertaken as a part of study.

Research in future can also study how is decision making of an individual influenced when they are silent or how employee silence is affected by the personality traits of an employee like are extroverts more likely to be silent or an introverted? how narcissists and Machiavellianism people respond to employee silence?

There is no dearth of research in this field. Moreover, mostly research has been more linking employee silence to employee voice. One can just separately study employee silence. In addition to this, a particular industry can be focused upon like health care or retail sector or a comparative study can be done between two industries to know in why the probability of employee silence is more and why.

References

1. Bao, Y., Han, P., & Liao, S. (2021, May 25). To speak up or stay silent? How employee–supervisor value differences affect speaking up behavior in the hospitality industry. *International Journal of Hospitality Management*.
2. Beheshtifar, M., Borhani, H., & Nekoie-Moghadam, M. (2012). Destructive role of employee silence in organizational success. *International Journal of Academic Research in Business and Social Sciences*, 2(11), 275–282.
3. Brinsfield, C. T. (2013). Employee silence motives: Investigation of dimensionality and development of measures. *Journal of Organizational Behavior*, 34(5), 671–697.
4. Chou, S. Y., & Chang, T. (2020, July). Employee silence and silence antecedents: A theoretical classification. *International Journal of Business Communication*, 57(3), 401–426.
5. Dyne, L. V., Ang, S., & Botero, I. C. (2003). Conceptualizing employee silence and employee voice as multidimensional constructs. *Journal of Management Studies*, 40(6), 1359–1392.
6. Donnaghey, J., Cullinane, N., Dundon, T., & Wilkinson, A. (2011). Reconceptualising employee silence: Problems and prognosis. *Work, Employment and Society*, 25(1), 51–67.
7. Hao, L., Zhu, H., He, Y., Duan, J., Zhao, T., & Meng, H. (2022). When is silence golden? A meta-analysis on antecedents and outcomes of employee silence. *Journal of Business and Psychology*, 37(5), 1039–1063.

8. Wei, H., & Si, D. (2022). Research on the mechanism of leader aggressive humor on employee silence: A conditional process model. *Journal of Vocational Behavior*, 133, 103689.
9. John, S. P., & Mathew, M. (2019). Employee silence: A meta-analytic review. *International Journal of Indian Psychology*, 7(3), 1–10.
10. Jolly, P., & Lee, L. (2021). Silence is not golden: Motivating employee voice through inclusive leadership. *Journal of Hospitality & Tourism Research*, 45(7), 1092–1113.
11. Knoll, M., & van Dick, R. (2013). Do I hear the whistle...? A first attempt to measure four forms of employee silence and their correlates. *Journal of Business Ethics*, 113(2), 349–362.
12. Lainidi, O., & Montgomery, J. (2023). An integrative systematic review of employee silence and voice in healthcare: What are we really measuring? *Frontiers in Psychiatry*, 14, 1–15.
13. Lee, W.-R., & Choi, B. S. (2022). Abusive supervision and employee's creative performance: A serial mediation model of relational conflict and employee silence. *Behavioral Sciences*, 12(1), 1–14.
14. Milliken, F. J., Morrison, E. W., & Hewlin, P. F. (2003). An exploratory study of employee silence: Issues that employees don't communicate upward and why. *Journal of Management Studies*, 40(6), 1453–1476.
15. Morrison, E. W. (2023). Employee voice and silence: Taking stock a decade later. *Annual Review of Organizational Psychology and Organizational Behavior*, 10, 79–107.
16. Imran, M. K., Fatima, T., & Ahmad, S. (2021). Will I speak up or remain silent? Workplace ostracism and employee performance based on a self-control perspective. *The Journal of Social Psychology*, 161(1), 107–125.
17. Prouska, R., & Psychogios, A. (2016). Do not say a word! Conceptualizing employee silence in a long-term crisis context. *The International Journal of Human Resource Management*, 27(8), 885–914.
18. Ramanujam, R., & Tangirala, S. (2008). Employee silence on critical work issues: The cross-level effects of procedural justice climate. *Personnel Psychology*, 61(1), 37–68.
19. Whiteside, D. B., & Barclay, L. J. (2013). Echoes of silence: Employee silence as a mediator between overall justice and employee outcomes. *Journal of Business Ethics*, 116(2), 251–266.
20. Yalçın, B. (2021). Why do nurses choose to stay silent? A qualitative study. *International Journal of Nursing Practice*, 27(3), e12937.

CORPORATE GOVERNANCE AND CSR DISCLOSURE: EVIDENCE FROM BSE SENSEX FIRMS

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Abstract

This study investigates the link between corporate governance attributes and the extent of Corporate Social Responsibility (CSR) disclosure among listed firms. Specifically, it explores the roles of board composition, gender diversity, board size, and the establishment of a CSR committee in influencing CSR reporting. The aim is to evaluate how these governance dimensions impact the transparency and thoroughness of CSR communications. Employing multiple regression analysis, the study seeks to assess the statistical significance and influence of these factors on CSR reporting behaviour.

Keywords: Corporate Governance, CSR Reporting, BSE Sensex, CSR Committee, Return on Assets (ROA).

1. Introduction

Traditionally, financial management has concentrated on maximizing shareholder wealth. However, over the years, the concept of corporate responsibility has broadened to encompass the interests of multiple stakeholder groups, including employees, consumers, communities, and regulators (Donaldson & Preston, 1995; Rowley & Berman, 2000). In India, the concept of Corporate Social Responsibility (CSR) has evolved from a voluntary engagement to a legally enforced obligation under the Companies Act, 2013, which requires qualifying companies to allocate a portion of their profits towards CSR initiatives and disclose related information publicly.

Simultaneously, the prominence of corporate governance has grown, highlighting the importance of ethical leadership, accountability, and openness in business operations. These principles are redefining how corporations interact with their stakeholders and approach social responsibility.

In this context, the current research aims to examine how selected governance characteristics—specifically, board size, gender representation, board independence, and the presence of a CSR committee—affect CSR disclosure practices. To ensure a robust analysis, the study also includes control variables such as firm size and profitability (measured by ROA). Despite the legislative shift towards mandatory CSR in India, empirical studies evaluating the actual outcomes of this reform are still limited, underscoring the relevance of this investigation.

2. Literature Review

Mohy-ud-Din (2023) conducted an empirical analysis in the U.S. to evaluate the influence of board attributes on CSR reporting. The study focused on board size, independence, meeting frequency, and CEO duality. The findings suggested that higher board independence and more frequent board engagement led to increased CSR transparency, whereas larger boards and dual CEO-chair roles were associated with reduced disclosure.

A comparative study by Guida *et al.* (2022) in four European countries—France, Germany, Italy, and Spain—found that CSR reporting was positively affected by the formation of a CSR committee, higher female representation on boards, and a greater proportion of independent directors. However, board size and meeting frequency were not significantly correlated with CSR disclosure levels.

Rouf *et al.* (2021) used an ordinary least squares regression model to explore board composition's influence on CSR practices. Their analysis revealed a positive relationship between CSR disclosures and both board independence and female directorship.

In Malaysia, Katmon *et al.* (2019) examined the impact of board diversity on CSR reporting and found that gender-diverse boards were more active in CSR disclosures. The study also noted that variables like board members' average age and nationality diversity contributed to the depth of CSR communication.

In the Ghanaian context, Osei *et al.* (2019) assessed governance traits of listed companies and their CSR communication. The study concluded that larger boards tended to report less CSR information, while the presence of women on the board had no statistically significant effect.

Guerrero Villegas *et al.* (2018) investigated how board-related governance factors influence CSR transparency. Their findings showed that board independence, female representation, and board size positively contributed to CSR reporting.

Isa *et al.* (2015), analyzing Nigerian firms, reported that both larger boards and a higher number of female directors correlated positively with CSR disclosures. However, board independence had no significant impact, and firm size was inversely related to the extent of CSR reporting.

3. Research Methodology

This research focuses on assessing how particular corporate governance factors—namely board size, gender diversity, the proportion of independent directors, and the existence of a CSR committee—influence CSR disclosure levels. The dependent variable for the study is the CSR disclosure score. Additionally, firm size and profitability (ROA) are included as control variables due to their potential influence on CSR practices.

3.1 Independent Variables

- **Board Size (BS):** Total number of directors on a company's board.
- **Gender Diversity (GD):** Ratio of female board members to total board members.

- **Board Independence (BI):** Count of independent directors on the board.
- **CSR Committee:** Binary variable coded as 1 if a CSR committee exists and 0 otherwise.

3.2 Control Variables

- **Firm Size (FS):** Measured using the natural logarithm of total assets to standardize company scale.
- **Profitability (ROA):** Calculated as EBIT divided by total assets, representing financial performance.

3.3 Dependent Variable

- **CSR Disclosure Score:** The principal dependent variable is a composite CSR disclosure score, constructed in accordance with Section 135 of the Companies Act, 2013, and the SEBI Business Responsibility Reporting (BRR) framework. The score encompasses ten critical CSR reporting dimensions, detailed in Table 1.

Table 1: Components Used for Computing CSR Disclosure Score

Sl. No.	Parameter
1	Total CSR amount spent during the year
2	Amount of CSR unspent with reason thereof
3	Composition of CSR Committee
4	Year over Year CSR spending comparison
5	Disclosure of CSR impact assessment report
6	Details on Environmental related CSR
7	CSR objectives clearly defined
8	All the details list of CSR projects available with budget and allocation
9	Risk Management involved with CSR properly disclosed
10	CSR spent on Health or education

Source: Compiled by Author

CSR Disclosure Score (CSRSD) Computation Approach

The CSR Disclosure Score (CSRSD) is calculated by evaluating the number of disclosed CSR parameters out of a total of ten predefined criteria. For example, if a company discloses 6 out of the 10 elements during a specific financial year (e.g., 2018–19), its CSRSD would be computed as $6 \div 10 = 0.60$. Similarly, if another firm reports only 4 criteria, its CSRSD would be $4 \div 10 = 0.40$.

3.4 Data Sources

This study is based solely on secondary data. Key sources include the annual reports of the sampled companies, disclosures from SEBI’s Business Responsibility Reports (BRR), the CMIE Prowess database, and publicly accessible information from the official websites of BSE and NSE.

3.5 Study Duration

The analysis covers a five-year period, beginning in the financial year 2018–19 and ending in 2022–23.

3.6 Sampling Strategy

The sample selection focused on firms listed in the BSE Sensex, as this index represents a wide cross-section of India's economic sectors. Entities operating as financial institutions—such as banks, insurance firms, and non-banking financial companies (NBFCs)—were excluded due to their specialized reporting norms and regulatory governance requirements. Companies that did not have complete data for the full five-year period were also eliminated from the sample. Consequently, the final dataset consists of 20 non-financial companies.

3.7 Statistical Tools and Techniques

To explore the relationship between corporate governance indicators and CSR disclosure levels, the study employed multiple linear regression analysis. All data analysis and statistical tests were performed using SPSS software, version 20.0.

4. Results and Discussion

4.1 Descriptive Analysis

As illustrated in Table 2, the average CSR Disclosure Score across the sampled firms is 0.62, indicating that, on average, 62% of the required CSR elements are disclosed by companies. The standard deviation of 0.14 signifies a moderate level of variation in CSR reporting practices. The maximum observed score is 0.90, reflecting notable disparities in transparency and disclosure quality among the firms.

Regarding gender diversity, boards on average include 1.2 female directors. While some firms have no women on their boards, others report up to three female members, reflecting variability in gender representation.

In terms of board independence, the average proportion of independent directors stands at 53%, with a standard deviation of 10%. This implies that while most companies adhere to regulatory guidelines, the actual degree of independence differs from firm to firm.

For the CSR Committee variable, the mean score is 0.85. This suggests that 85% of the companies in the sample have constituted a formal CSR committee, in accordance with Section 135 of the Companies Act, 2013. However, the presence of firms with a score of 0 indicates non-compliance in some cases.

The board size across the sample averages 8.5 directors, with values ranging from 4 to 15. This highlights considerable diversity in board structures and governance models within the sample.

Table 2: Descriptive Statistics

Variable	Mean	Standard Deviation	Minimum	Maximum
CSR Disclosure	0.62	0.14	0.25	0.90
BI	0.53	0.10	0.33	0.75
GD	1.2	0.45	0	3
BS	8.5	2.1	4	15
CSR Committee	0.85	0.36	0	1
FS	9.2	1.3	6.5	12
ROA	0.07	0.04	-0.05	0.18

Source: Computed by Author

4.2 Correlation Analysis

To test for the potential issue of multicollinearity among the independent variables, a Pearson correlation matrix was generated. Multicollinearity can adversely affect the validity of regression outcomes by inflating standard errors and yielding misleading significance levels (Gujarati & Porter, 2009).

According to Anderson *et al.* (2010), a correlation coefficient exceeding 0.80 between any two explanatory variables may suggest multicollinearity. However, the results presented in Table 3 reveal no such high correlation, indicating that multicollinearity is not a concern in this dataset.

Table 3: Results of Correlation

Variable	CSR index	BI	GD	BS	CSR Committee	FS	ROA
CSR Disclosure	1	0.48	0.42	-0.10	0.51	0.38	0.12
BI	0.48	1	0.35	-0.05	0.29	0.20	0.15
GD	0.42	0.35	1	0.22	0.31	0.30	0.11
BS	-0.10	-0.05	0.22	1	0.18	0.25	0.10
CSR Committee	0.51	0.29	0.31	0.18	1	0.40	0.13
FS	0.38	0.20	0.30	0.25	0.40	1	0.27
ROA	0.12	0.15	0.11	0.10	0.13	0.27	1

Source: Computed by Author

4.3 Regression Analysis Findings

The outcomes of the multiple regression analysis, as summarized in Table 4, explore the influence of various corporate governance factors on the extent of CSR disclosure.

Key observations are as follows:

- i. **Board Independence** is found to have a statistically significant and positive association with CSR disclosure ($p = 0.0015$; $t = 3.27$). This finding reinforces the notion that a higher proportion of independent directors contributes to enhanced transparency in CSR reporting.
- ii. **Gender Diversity** on the board also exhibits a positive and significant relationship with CSR disclosure ($p = 0.0132$; $t = 2.49$), indicating that greater female representation may lead to more thorough and responsible CSR communication.
- iii. **Board Size** shows a negative but statistically insignificant effect on CSR disclosure ($p = 0.1860$; $t = -1.33$). This suggests that an increase in the number of board members does not necessarily result in improved CSR disclosure practices.
- iv. The **Presence of a CSR Committee** has a notably strong and significant positive impact on disclosure levels ($p = 0.0021$; $t = 3.16$), underlining the committee's important role in guiding and implementing CSR strategies.
- v. **Firm Size** emerges as a positively significant determinant ($p = 0.0043$; $t = 2.93$), indicating that larger firms are more likely to engage in extensive CSR disclosures—possibly due to greater visibility and expectations from stakeholders.
- vi. On the other hand, **Profitability**, as measured by Return on Assets (ROA), does not show a meaningful correlation with CSR disclosure ($p = 0.6040$; $t = 0.52$), suggesting that financial performance alone may not drive CSR transparency.

The result of Table 4 is given below:

Table 4: Regression Analysis

Variable	Coefficient	Std Error	t-statistics	p-value
Independence of Board	0.255	0.078	3.27	0.0015
Diversity of Gender	0.112	0.045	2.49	0.0132
Size of Board	-0.012	0.009	-1.33	0.1860
CSR Committee	0.193	0.061	3.16	0.0021
Firm Size	0.088	0.030	2.93	0.0043
Profitability (ROA)	0.014	0.027	0.52	0.6040
Constant	0.215	0.122	1.76	0.0810

Source: Computed by Author

5. Implications and Conclusion

The empirical analysis demonstrates that Board Independence, Gender Diversity, the presence of a CSR Committee, and Firm Size significantly impact the level of CSR disclosure among companies listed on the BSE Sensex.

- Board Independence is found to have a strong positive relationship with CSR disclosure. Independent directors are likely to strengthen governance mechanisms and promote

ethical compliance, thereby contributing to more transparent reporting practices. This outcome aligns with the principles of agency theory and supports the arguments of Michelin and Parbonetti (2012), who suggest that independent boards enhance accountability and stakeholder engagement.

- Gender Diversity also plays a significant and beneficial role in shaping CSR reporting. Boards that include a higher proportion of women tend to focus more on environmental and social responsibilities. These findings are consistent with Bear *et al.* (2010), who highlight that female participation on boards leads to improved ethical decision-making and stakeholder communication.
- The existence of a CSR Committee positively influences disclosure practices, underscoring the need for specialized oversight bodies to guide CSR implementation. This result supports the requirements outlined in the Companies Act, 2013, and echoes the findings of Jain and Jamali (2016), who stress the value of structured CSR governance.
- Firm Size emerges as another key factor, as larger companies are often subject to more intense scrutiny from both regulators and the public. This pressure likely drives them to adopt more comprehensive and transparent CSR reporting practices.

On the other hand, Profitability, measured by Return on Assets (ROA), does not show a significant association with CSR disclosure. This suggests that corporate ethical standards and regulatory expectations may have a greater influence on disclosure behaviour than financial performance alone.

6. Policy Recommendations

Based on the study's findings, several recommendations can be made for policymakers and regulatory authorities:

- **Encourage gender diversity** by promoting the inclusion of more women in corporate boardrooms to enhance CSR engagement and ethical leadership.
- **Increase the representation of independent directors** to strengthen board impartiality and improve governance quality.
- **Enforce the formation of CSR Committees** in accordance with Section 135 of the Companies Act, 2013, to ensure dedicated oversight of CSR initiatives.
- **Enhance CSR disclosure norms**, especially for large-cap firms, to meet growing stakeholder expectations for transparency and accountability.

This research gains particular relevance in the context of the post-2013 regulatory landscape, where CSR activities have shifted from being voluntary to mandatory. However, disparities in disclosure practices still persist, indicating that the mere existence of regulation is not sufficient.

Ongoing improvements in governance frameworks are essential to achieve consistent and meaningful CSR reporting across firms.

References

1. Bear, S., Rahman, N., & Post, C. (2010). The impact of board diversity and gender composition on corporate social responsibility and firm reputation. *Journal of Business Ethics*, 97, 207–221.
2. Di Guida, C., Celentano, A., Mirone, F., & D'Amore, G. (2022). The role of board composition in CSR disclosure: An empirical analysis in four European countries. *Corporate Governance and Organizational Behavior Review*, 6(3), 1–10.
3. Katmon, N., Mohamad, Z. Z., Norwani, N. M., & Farooque, O. A. (2019). Comprehensive board diversity and quality of corporate social responsibility disclosure: Evidence from an emerging market. *Journal of Business Ethics*, 157, 447–481.
4. Guerrero-Villegas, J., Pérez-Calero, L., Hurtado-González, J. M., & Giráldez-Puig, P. (2018). Board attributes and corporate social responsibility disclosure: A meta-analysis. *Sustainability*, 10(12), 4808.
5. Jain, T., & Jamali, D. (2016). Looking inside the black box: The effect of corporate governance on corporate social responsibility. *Corporate Governance: An International Review*, 24(3), 253–273.
6. Isa, M. A., & Muhammad, S. (2015). The impact of board characteristics on corporate social responsibility disclosure: Evidence from Nigerian food product firms. *International Journal of Management Science and Business Administration*, 1(12), 34–45.
7. Mohy-ud-Din, K. (2023). Role of board composition index in corporate social responsibility (CSR) disclosure: Evidence from the United States. *Global Business Review*.
8. Osei, A. A., Yusheng, K., Caesar, E. A., Kissiwaa, A. T., & Shaibu, A. (2019). Impact of board characteristics on corporate social responsibility disclosure in Ghana. *International Journal of Sciences: Basic and Applied Research*, 46(1), 104–116.
9. Michelon, G., & Parbonetti, A. (2012). The effect of corporate governance on sustainability disclosure. *Journal of Management & Governance*, 16, 477–509.
10. Rouf, M. A., & Hossan, M. A. (2021). The effects of board size and board composition on CSR disclosure: A study of banking sectors in Bangladesh. *International Journal of Ethics and Systems*, 37(1), 105–121.

**IN SEARCH OF THE SELF: URBAN ALIENATION IN ARUN JOSHI'S NOVELS -
*THE FOREIGNER AND THE STRANGE CASE OF BILLY BISWAS***

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Abstract

Urban alienation emerges as one of the most significant and philosophically engaging themes in the novels of Arun Joshi, a deeply introspective figure in Indian English literature. Writing during a period of rapid socio-cultural transition in post-independence India, Joshi explores the psychological disintegration and existential unease experienced by individuals within modern urban settings. His protagonists—typically well-educated, reflective, and culturally dislocated—undergo intense isolation, ethical ambiguity, and spiritual barrenness in a society driven by material pursuits.

This study undertakes a critical examination of urban alienation in Joshi's remarkable works, especially *The Foreigner* and *The Strange Case of Billy Biswas*. Through detailed textual analysis and engagement with critical perspectives advanced by M. K. Naik, Meenakshi Mukherjee, O. P. Dhawan, and M. K. Bhatnagar, the paper establishes that Joshi's treatment of alienation extends beyond sociological interpretation into the domain of existential philosophy. It argues that alienation in his fiction is not merely a social phenomenon but a deeper metaphysical crisis arising from the tension between modern materialism and spiritual values.

Keywords: Urban Alienation, Existentialism, Indian English Fiction, Identity Crisis, Modernity, Spiritual Crisis.

Introduction

The rapid growth of modern urban centres during the twentieth century has fundamentally reshaped human existence, generating both opportunities and profound feelings of alienation. Processes such as industrialization, globalization, and urbanization have altered social and cultural frameworks, often producing anonymity, dislocation, and spiritual dissatisfaction. Literature frequently captures this paradox, presenting alienation as a condition that is simultaneously social and existential. While international authors such as Franz Kafka, T. S. Eliot, and James Joyce have explored the fragmentation inherent in modern life, Arun Joshi situates similar concerns within the distinct socio-cultural landscape of post-independence India. Within Indian English fiction, Joshi distinguishes himself through his psychological and philosophical focus. Unlike contemporaries such as R. K. Narayan and Mulk Raj Anand, whose

works foreground social realism, Joshi delves into the inner crises of urban, educated individuals caught between the allure of material success and the void of spiritual emptiness. As M. K. Naik observes, his novels are “remarkable for their intense psychological probing” and depict individuals profoundly estranged in a mechanized world (Naik 201, 205). Similarly, Meenakshi Mukherjee highlights that his characters epitomize the modern intellectual “trapped between material success and moral dissatisfaction” (Mukherjee 169).

This tension finds vivid expression in *The Foreigner*, where Sindi Oberoi confesses, “I have no roots anywhere... I have always felt like a foreigner” (12), presenting himself as a detached observer of life (21). His reflection that “once your soul goes bankrupt, no amount of plundering can enrich it again” (10) underscores the ethical void embedded in urban materialism. Similarly, in *The Strange Case of Billy Biswas*, Billy articulates his alienation from modern civilization, admitting, “I was born in the wrong civilization” (38) and critiquing its superficiality (61). His yearning for an authentic existence—“something inside me is crying out for a life that I have never known” (104)—culminates in his withdrawal from urban society.

Critical interpretations further illuminate these dimensions. O. P. Dhawan contends that Sindi’s alienation is magnified by Western influence, estranging him from Indian ethical frameworks (Dhawan 82), while M. K. Bhatnagar emphasizes the conflict between material accumulation and spiritual destitution, framing alienation as both a social and existential phenomenon (Bhatnagar 58).

Through the experiences of Sindi and Billy, Joshi depicts urban alienation as a complex interplay of cultural dislocation, moral uncertainty, and existential anxiety. His narratives not only critique modern urban civilization but also foreground the enduring human quest for selfhood, meaning, and spiritual fulfilment.

Alienation and Identity Crisis in *The Foreigner*

Sindi Oberoi, the protagonist of *The Foreigner*, epitomizes the alienated modern intellectual, whose crisis stems not only from geographic displacement but from a fractured consciousness. Born to parents of differing nationalities and raised in multiple countries, Sindi lacks a stable cultural mooring. Rather than enriching his sense of belonging, his multicultural upbringing generates a profound feeling of rootlessness and disorientation. In this context, Sindi represents the postcolonial cosmopolitan individual—culturally exposed yet existentially unanchored.

He candidly acknowledges his predicament:

“I have no roots anywhere. I have always felt like a foreigner wherever I go” (Joshi, *The Foreigner*, p. 12).

This confession captures the central motif of identity crisis within the novel. Sindi’s alienation is not merely social; it is ontological, reflecting estrangement from a stable sense of self. Critics have noted that this rootlessness exemplifies the dilemma of the modern global subject, who

navigates multiple cultural environments without fully belonging to any. As M. K. Naik remarks, Sindi's condition demonstrates "the predicament of a man cut off from traditional moorings and unable to create new ones" (Naik 204).

At another juncture, Sindi observes:

"I often felt like a spectator watching life from a distance rather than a participant in it" (Joshi, p. 21).

Here, the metaphor of spectatorship underscores not only passivity but an incapacity to engage with life authentically. Sindi exists primarily as an observer rather than an actor, thinking rather than feeling. O. P. Dhawan interprets this as a manifestation of "self-imposed alienation where intellectual analysis replaces emotional involvement" (Dhawan 78).

The monotony and purposelessness of daily routines further exacerbate his sense of estrangement:

"The days passed in a blur of meaningless activity, and I felt as if I were drifting on the surface of life" (Joshi, p. 34).

The imagery of "drifting" conveys both a lack of direction and agency, implying that Sindi is propelled by circumstance rather than shaping his own life. This aimlessness resonates with existentialist notions of absurdity, in which existence appears inherently devoid of meaning.

Sindi's alienation is compounded by his difficulty in forming meaningful interpersonal connections. His relationships, including those with June and Babu Rao, are marked by hesitation and emotional distance. Even when involved in others' lives, he remains internally detached:

"There seemed to be no centre to my life, no purpose that could give it direction" (Joshi, p. 47).

The absence of a "centre" symbolizes the collapse of identity. Without an emotional or moral anchor, Sindi's life becomes fragmented and directionless. M. K. Bhatnagar observes, "Sindi's alienation stems from his failure to integrate thought and action, intellect and emotion" (Bhatnagar 43).

Looking down from his apartment at the bustling city, Sindi reflects:

"I wondered in what way, if any, did I belong to the world that roared beneath my apartment window" (Joshi, p. 65).

Here, the city operates as a powerful symbol of modern urban life—energetic yet impersonal. The "roar" conveys vitality but also chaos and indifference. Sindi's elevated vantage point, detached and observing, mirrors his psychological estrangement: present in the city but not part of it.

This spatial imagery reinforces the theme of existential isolation. Meenakshi Mukherjee notes, "Joshi's urban landscapes are not merely physical settings but psychological spaces reflecting the inner disquiet of his characters" (Mukherjee 171).

According to O. P. Dhawan, Sindi embodies “the alienated intellectual whose emotional detachment reflects his inability to establish meaningful human relationships” (Dhawan 77). His estrangement is therefore simultaneously psychological and social. Moreover, it carries a philosophical dimension, rooted in his belief that detachment constitutes a way of life. Ironically, this very stance becomes a source of suffering, as it obstructs genuine connection, responsibility, and a sense of belonging.

Thus, Sindi’s identity crisis is multi-layered, arising from cultural displacement, emotional withdrawal, and existential doubt. Through his portrayal, Arun Joshi provides a nuanced depiction of contemporary alienation, illustrating how the loss of roots, purpose, and meaningful human bonds produces a fragmented, disoriented self.

Alienation in The Strange Case of Billy Biswas

In contrast to Sindi Oberoi’s largely passive and reflective alienation, Billy Biswas in *The Strange Case of Billy Biswas* responds to existential dislocation through active rebellion and a conscious withdrawal from urban life. Born into a prosperous, Westernized Indian family, Billy enjoys the privileges of elite education both in India and abroad. Yet, despite his apparent social success, he experiences a profound dissatisfaction with modern urban civilization. Unlike deprivation, his alienation stems from disillusionment with the very institutions and values that define modernity.

Billy articulates this sense of displacement early on:

“Sometimes I think I was born in the wrong civilization” (Joshi, *The Strange Case of Billy Biswas*, p. 38).

This striking admission reflects his acute cultural and existential misalignment. Whereas Sindi’s estrangement arises from rootlessness, Billy’s stems from an awareness of the deficiencies and superficiality of the civilization in which he exists. His sense of being “misplaced” suggests a fundamental incongruity between his inner self and the external world. As M. K. Naik observes, Billy exemplifies “a sensitive individual who finds the values of modern civilization spiritually stifling and morally inadequate” (Naik 206).

Billy grows increasingly critical of the artificiality and performative nature of urban elite society. Observing its members, he remarks:

“These people live in a world of make-believe, pretending to be civilized while their souls remain empty” (p. 61).

This assessment exposes the veneer of urban sophistication. In Billy’s view, civilization is a façade—a superficial refinement masking inner emptiness. His choice of the term “make-believe” underscores the illusionary quality of modern social life. O. P. Dhawan interprets this as “a rejection of the hollow conventions of urban existence, which prioritize appearance over essence” (Dhawan 109).

Billy's critique becomes increasingly radical when he declares:

"This civilization is a conspiracy to make you forget the primitive truths of life" (p. 92).

Here, "conspiracy" conveys a deliberate suppression of essential human instincts and truths. The "primitive truths" Billy invokes are not a call to savagery but rather a yearning for authenticity, instinct, and a direct engagement with life. His perspective resonates with existential and primitivist critiques of industrial modernity, highlighting how urban civilization can alienate the human spirit.

Billy's growing dissatisfaction is intertwined with a visceral inner longing:

"I feel as if something inside me is crying out for a life that I have never known" (p. 104).

This statement captures the emotional intensity of his alienation. Unlike Sindi, whose detachment is intellectual, Billy's crisis is lived, instinctual, and profoundly emotional. The "cry" within him signals a yearning for wholeness, authenticity, and meaning. M. K. Bhatnagar notes that Billy's alienation is "not merely intellectual but deeply experiential, arising from a conflict between instinct and imposed social norms" (Bhatnagar 61).

Billy's eventual choice to abandon urban society and integrate with a tribal community marks the apex of his rebellion. He explains:

"I want to live where life still has meaning, where men are not afraid of themselves" (p. 141).

This declaration emphasizes his search for an existence grounded in authenticity and self-acceptance. The phrase "not afraid of themselves" suggests that urban alienation disconnects individuals not only from society but also from their inner nature. In contrast, tribal life offers Billy a context where humans live harmoniously with both themselves and their environment.

He later remarks:

"For the first time in my life I felt that I belonged somewhere" (p. 152).

This newfound sense of belonging contrasts sharply with the alienation he experienced in urban settings. However, Joshi presents this transition with nuance. Billy's escape raises complex questions about whether rejecting modern civilization entirely can constitute a true resolution to alienation.

Critics interpret Billy's journey with cautious admiration. Meenakshi Mukherjee considers it "a rejection of modern urban civilization and a search for a more authentic mode of existence" (Mukherjee 172), while O. P. Dhawan views it as "an extreme response to alienation, reflecting both a critique of modernity and an idealization of the primitive" (Dhawan 113).

In essence, Billy Biswas embodies a more radical exploration of alienation than Sindi Oberoi. His rejection of urban life underscores both the depth of his dissatisfaction and the human impulse to reclaim meaning and authenticity. Through Billy, Arun Joshi critiques the superficiality and materialism of modern civilization while probing fundamental questions of identity, progress, and the possibility of achieving existential authenticity.

Psychological Dimensions of Alienation

A defining feature of Arun Joshi's fiction is its profound psychological insight. Unlike many contemporaneous writers, Joshi shifts the focus from external events to the inner workings of consciousness. His protagonists are not merely shaped by society; they are deeply introspective, constantly examining their own existence. Through self-reflection, philosophical inquiry, and interior monologue, Joshi reveals the fractured psyche of the modern urban individual.

Sindi Oberoi, in *The Foreigner*, exemplifies this inward orientation. He confesses:

"I spent hours questioning the purpose of my existence, yet no answer ever satisfied me" (Joshi, *The Foreigner*, p. 122).

This declaration underscores persistent existential anxiety. Sindi's quest is not for social acclaim or material achievement but for meaning itself. However, intellectual inquiry alone fails to provide resolution, instead intensifying disillusionment. His condition mirrors the existential notion of the "anguish of choice" and the psychological burden of self-awareness. As M. K. Naik observes, Joshi's characters are "haunted by questions of existence that admit of no easy answers" (Naik 206).

Sindi's inner crisis deepens as he reflects:

"It seemed to me that life had become a series of meaningless gestures performed without conviction" (p. 131).

This statement captures the essence of existential absurdity. Life, for Sindi, is reduced to mechanical routines lacking authenticity or emotional engagement. The phrase "without conviction" highlights a profound loss of belief—not only in society but also in oneself. This condition parallels modern psychological frameworks of alienation, wherein individuals experience a disconnect between their actions and inner selves.

Excessive introspection amplifies Sindi's alienation. His tendency to analyze rather than live intensifies the distance between him and the world. O. P. Dhawan remarks: "Sindi's tragedy lies in his overdeveloped intellect, which inhibits spontaneous emotional response and leads to paralysis of action" (Dhawan 83). Thus, while introspection offers insight, it simultaneously becomes a source of isolation.

Billy Biswas exhibits a similar tension, albeit in a more intense and emotionally charged manner. He articulates his dissatisfaction:

"The more I see of this world, the more I feel that something is fundamentally wrong with it" (Joshi, *The Strange Case of Billy Biswas*, p. 75).

This statement conveys a deep-seated unease that transcends mere social critique. The perception of a "fundamental" flaw suggests that Billy's alienation targets the structural core of modern existence. Unlike Sindi, who remains largely passive, Billy's awareness drives psychological unrest and propels him toward decisive action.

His inner conflict is further revealed:

“There are times when I feel trapped inside a life that does not belong to me” (p. 88).

The metaphor of entrapment conveys suffocation and lack of agency, suggesting that his life is imposed rather than chosen. This mirrors existential concerns regarding inauthentic existence, where societal conformity suppresses the true self. M. K. Bhatnagar notes that Billy’s alienation “originates in a profound mismatch between his inner impulses and the externally imposed patterns of civilized life” (Bhatnagar 60).

In both Sindi and Billy, alienation emerges as a conflict between the desire for authenticity and the pressures of social conformity. Sindi reacts with introspection and detachment, while Billy responds with rebellion and escape. Yet, both exhibit similar psychological fragmentation—a separation of self from society, thought from action, and desire from reality.

Meenakshi Mukherjee insightfully observes that “Joshi’s protagonists are engaged in an unending dialogue with themselves, reflecting the modern individual’s struggle to reconcile inner truth with external demands” (Mukherjee 171). This internal dialogue becomes central to Joshi’s narrative strategy, providing readers direct access to his characters’ complex emotional and philosophical landscapes.

Moreover, Joshi’s exploration of alienation anticipates contemporary psychological concerns such as identity diffusion, existential depression, and the erosion of meaning in technologically advanced societies. His characters demonstrate what modern psychology might term an “existential crisis”—marked by anxiety, purposelessness, and a quest for significance.

Thus, in Joshi’s fiction, psychological alienation extends beyond social isolation to a more profound estrangement from the self. Through the introspective journeys of Sindi and Billy, alienation is portrayed as a state of consciousness—a tension between awareness and action, longing and fulfilment, self and society. By situating alienation in the psyche, Joshi elevates it from a sociological observation to a philosophical inquiry, enriching Indian English fiction with a nuanced portrayal of modern existence.

Cultural Displacement and East–West Conflict

In *In Search of the Self: Urban Alienation in Arun Joshi’s Novels*, alienation is closely linked to the tension between Eastern spiritual traditions and Western materialist values. Writing in post-independence India, Arun Joshi portrays protagonists who are caught between conflicting cultural frameworks, resulting in profound existential and cultural dislocation.

Sindi Oberoi in *The Foreigner* exemplifies this dilemma. His admission,

“I belonged everywhere and nowhere at the same time” (26),

reflects the paradoxical condition of the postcolonial cosmopolitan. His sense of impermanence—

“meeting people and forgetting them” (29)

—signals a fragmented identity shaped by transience and dislocation. As M. K. Naik notes, Joshi's characters are "caught in the crosscurrents of conflicting cultural traditions" (Naik 205). Sindi's Western-influenced detachment—

"to stand apart and look at things without being touched" (72)

—further intensifies his alienation, illustrating the emotional and moral rupture caused by exposure to foreign value systems. O. P. Dhawan emphasizes that this alienation is exacerbated by Western thought, which estranges him from Indian ethical foundations (Dhawan 95).

In contrast, Billy Biswas in *The Strange Case of Billy Biswas* reacts more radically to this cultural tension. Disenchanted with urban modernity, he dismisses its ostensible "sophistication" as a mere "thin veneer" (58) and laments the loss of "the essential thing" (83). His yearning for authenticity—

"something deeper... buried under layers of habit and fear" (101)

—propels him toward tribal life, a space where he seeks congruence with natural rhythms:

"where the rhythms of life are still in harmony with the earth" (139).

Billy's eventual sense of belonging—

"I felt that I belonged somewhere" (152)

represents a temporary reconciliation with the world and alleviation of his existential estrangement.

Critical interpretations highlight the complexity of this shift. Meenakshi Mukherjee views Billy's move as a turn toward a more "organic and integrated mode of existence" (Mukherjee 172), while M. K. Bhatnagar frames it as "a desperate attempt to recover a lost sense of identity" (Bhatnagar 52). Yet Joshi avoids simplistic binaries: neither Eastern spirituality nor Western materialism provides a complete resolution. As Naik underscores, his protagonists pursue spiritual fulfilment beyond the confines of modernity, yet their search remains unresolved.

Through the experiences of Sindi and Billy, cultural displacement emerges as a central dimension of urban alienation. Sindi's indecision and emotional detachment reflect the internalization of conflicting cultural demands, while Billy's active withdrawal underscores the human quest for authenticity. In both cases, Joshi presents the search for selfhood as an inescapable and challenging struggle in a world fractured by competing value systems.

Alienation and the Possibility of Redemption

Despite the pervasive sense of estrangement that permeates Arun Joshi's novels, his narratives do not conclude in despair or nihilism. Rather, they gesture toward the potential for moral and spiritual renewal. His protagonists, initially enmeshed in isolation, uncertainty, and existential anxiety, gradually embark on paths toward self-awareness and ethical accountability. This movement from alienation to engagement constitutes a central element of Joshi's philosophical outlook.

In *The Foreigner*, Sindi Oberoi's journey illustrates a gradual realization of the insufficiency of his long-held detachment. Throughout the novel, he attempts to shield himself from emotional pain and responsibility by maintaining distance from others. Yet, this avoidance ultimately amplifies his inner void and sense of guilt, particularly following the tragic consequences of his actions concerning Babu Rao and June. Reflecting upon his past, Sindi confesses:

"I had tried to live without commitment, without responsibility, but I had only succeeded in creating a vacuum within myself" (Joshi, *The Foreigner*, p. 182).

This admission signals the onset of transformation. He begins to recognize that detachment is not a remedy but a form of evasion that deepens alienation. His evolving insight is captured in the statement:

"Perhaps the only way to live is to accept responsibility for others" (p. 186).

Here, the shift from self-centred isolation to ethical involvement becomes evident. Sindi comes to understand that genuine meaning arises not from withdrawal, but through relational and moral engagement with the world.

He further reflects:

"It suddenly occurred to me that involvement might be the only antidote to the emptiness I had always felt" (p. 188).

The use of "antidote" is particularly significant, suggesting that alienation is not permanent but can be mitigated through conscious effort. In this context, involvement implies emotional investment, moral accountability, and active participation in the lives of others.

This transformation is accompanied by an emergent moral awareness. Sindi acknowledges the repercussions of prior indifference:

"For the first time I realized that one cannot live untouched by the suffering of others without paying a price" (p. 190).

This insight underscores Joshi's ethical vision—that human existence is inherently relational, and evading responsibility engenders both moral and psychological disintegration.

Critics have highlighted the significance of this progression. M. K. Bhatnagar observes that Joshi ultimately advocates "a philosophy of responsible involvement as a remedy for the alienation of modern man" (Bhatnagar 63). Similarly, O. P. Dhawan contends that Sindi's trajectory reflects "a movement from existential detachment to moral commitment, suggesting that redemption lies in human relationships" (Dhawan 118).

Although *The Strange Case of Billy Biswas* does not depict redemption in the same manner as *The Foreigner*, it engages with the notion of liberation from alienation in a distinct way. Billy's renunciation of urban civilization and immersion in tribal life may be interpreted as an effort to attain existential authenticity. At one juncture, he expresses a desire for a more meaningful existence:

“I want to live where life still has meaning, where men are not afraid of themselves” (Joshi, Billy Biswas, p. 141).

His eventual sense of belonging—

“For the first time in my life I felt that I belonged somewhere” (p. 152)—

indicates a form of psychological reconciliation, even if achieved outside conventional urban society.

Critics, however, debate the nature of Billy’s resolution. Meenakshi Mukherjee suggests that Billy’s withdrawal might represent “a symbolic quest for authenticity rather than a practical solution to alienation” (Mukherjee 173). Consequently, Sindi’s redemption is grounded in ethical engagement within society, whereas Billy’s is found in deliberate detachment—two divergent responses to comparable existential dilemmas.

Joshi does not offer simplistic remedies for alienation. Redemption, in his novels, is neither immediate nor absolute. It necessitates self-awareness, moral courage, and the willingness to confront personal failings. As M. K. Naik observes, “Joshi’s protagonists achieve not absolute solutions but moments of insight that illuminate the path toward meaningful existence” (Naik 207).

Thus, the potential for redemption in Joshi’s fiction emerges through recognition of human interconnectedness and acceptance of responsibility. Alienation, though pervasive, is not depicted as inescapable. Instead, it serves as a stage in the journey toward self-realization and ethical maturity. Through Sindi’s moral awakening and Billy’s quest for authentic existence, Joshi affirms that meaning can be reclaimed—not through detachment or material achievement, but through engagement, responsibility, and alignment with one’s inner truth.

Conclusion

Urban alienation emerges as a central and philosophically nuanced theme in Arun Joshi’s fiction, explored through the contrasting experiences of Sindi Oberoi in *The Foreigner* and Billy Biswas in *The Strange Case of Billy Biswas*. These protagonists function as existential explorers whose internal conflicts mirror the psychological, cultural, and spiritual dislocations of contemporary urban life. Joshi portrays the modern metropolis as a paradoxical space—offering opportunity and progress while simultaneously fostering isolation, fragmentation, and moral ambiguity. As M. K. Naik notes, this represents “a significant shift in Indian English fiction from external realism to inward exploration of the human psyche” (Naik 208), intensifying engagement with existential concerns.

Importantly, alienation in Joshi’s novels is not depicted solely as a destructive force but also as a potential catalyst for transformation. Sindi’s embrace of responsibility and Billy’s search for authenticity demonstrate that estrangement can lead to heightened self-awareness and moral insight. M. K. Bhatnagar observes that Joshi’s narratives “trace the journey of the modern

individual from spiritual disintegration to a tentative rediscovery of meaning through ethical engagement” (Bhatnagar 65), while Meenakshi Mukherjee highlights the characters’ enduring “capacity for introspection and renewal” (Mukherjee 174). This dimension of potential redemption renders Joshi’s vision both complex and ultimately hopeful.

Set within a postcolonial context, Joshi’s protagonists embody the tensions between tradition and modernity, East and West, and spirituality and materialism. O. P. Dhawan remarks that his fiction “captures the predicament of the modern Indian intellectual, torn between inherited values and imported ideologies” (Dhawan 121). Rather than presenting definitive solutions, Joshi frames alienation as an ongoing condition, suggesting that meaning must be actively constructed through ethical and authentic engagement.

Through the lens of psychological insight combined with philosophical depth, Joshi elevates the theme of urban alienation into a profound inquiry into the human condition. He demonstrates that modern estrangement, though disorienting and painful, can also serve as an impetus for reflection, self-discovery, and moral maturation. In portraying the struggles and partial resolutions of Sindi and Billy, Joshi affirms the dual nature of alienation—both as a crisis and as a pathway toward renewal. His novels thus stand as a significant contribution to Indian English literature, offering readers an enduring meditation on the challenges and possibilities of modern existence.

References

1. Bhatnagar, M. K. (1996). *The novels of Arun Joshi: A critical study*. Atlantic Publishers.
2. Dhawan, O. P. (1986). *The fiction of Arun Joshi: A critical study*. Bahri Publications.
3. Joshi, A. (1968). *The foreigner*. Orient Paperbacks.
4. Joshi, A. (1971). *The strange case of Billy Biswas*. Orient Paperbacks.
5. Mukherjee, M. (1971). *The twice born fiction: Themes and techniques of the Indian novel in English*. Heinemann.
6. Naik, M. K. (1982). *A history of Indian English literature*. Sahitya Akademi.

A LITERATURE REVIEW ON STRUCTURAL UNEMPLOYMENT IN INDIA: TECHNOLOGICAL CHANGE AND SKILL-MISMATCH

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Abstract

Structural unemployment is defined as a serious problem that occurs when there is a mismatch between the skills possessed by workers and the skills demanded by employers. Structural unemployment occurs due to a number of factors such as, technological change, changes in industry structure, skill mismatch, geographical mismatch, globalization and so on. Out of these factors, technological changes and skill mismatches in the labor market are discussed throughout this chapter. This chapter aims to provide a comprehensive analysis of structural unemployment by examining its nature and socio-economic impacts. The study further investigates the role of technological change in shaping structural unemployment and identifies the key factors which contribute to skill mismatches in the labor market. In addition, the study explores potential strategies and policy measures that may help reduce structural unemployment and improve labor market efficiency.

Keywords: Structural Unemployment, Technological Change, Skill Mismatch, Labor Market.

Introduction

The Indian labor market is huge and dynamic in the world. The Indian labor market has multifaceted trends. Unemployment occurs when people are willing and able to work but do not have a job. Unemployment remains one of the most pressing economic and social challenges confronting nations worldwide [12]. Unemployment does not affect the financial well-being of an individual but also has wider impacts on economic growth, social stability, and public welfare [12].

The unemployment insurance (UI) system influences unemployment rates and shapes labor market dynamics [7]. In 2024, the authors analyze the Hartz reforms and their impact on unemployment in Germany [7]. The authors [7] find that reduced job separation rates were the primary driver of declining unemployment, accounting for about 76% of the reduction. The study [7] establishes a causal link between unemployment insurance (UI) reforms and lower separation rates, with stronger effects on long-term and high-wage workers. Overall, the article [7] concludes that reduce UI generosity significantly lowered unemployment by decreasing job separations.

Unemployment is a significant challenge facing India, with various complex factors contributing to the issue [18]. Addressing the challenge of unemployment is crucial for building a more prosperous and equitable society in India [18]. The factors that have contributed to unemployment in India are such as [18]: Lack of sufficient job opportunities, low levels of education and skill development, mismatch between the skills required by employers and those possessed by job seekers, impact of automation and technology on the job market, slow economic growth, poor infrastructure and adequate support for small and medium-sized enterprises, gender discrimination and unequal access to opportunities, limited availability of formal sector jobs in rural areas, seasonal and cylindrical nature of employment in certain industries, and inadequate labor laws and regulations etc. Among the various types of unemployment in India, structural unemployment is of particular concern, as it stems from long-term imbalances in the economy and involves a wide range of interconnected and complex causes.

The following is a bar diagram representing the unemployment rate in India for the last 16 years [19]:

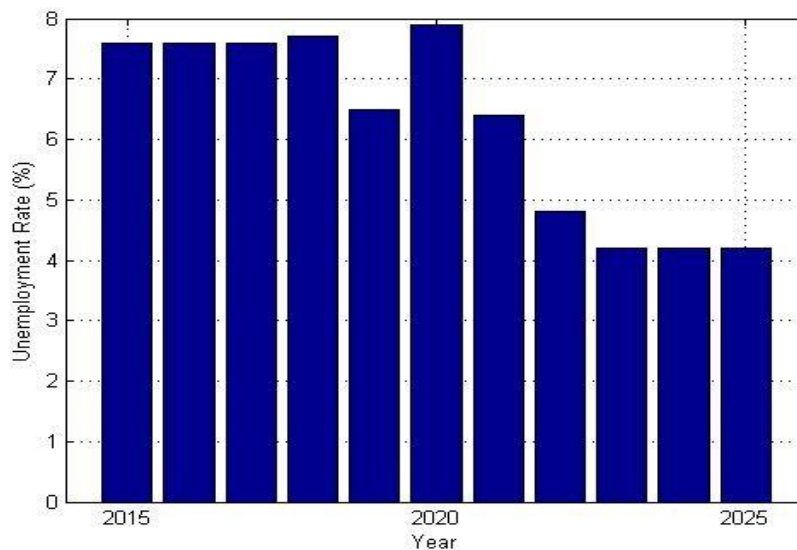


Figure 1: Unemployment Rate in India (2015-2025)

The bar diagram in Figure (1), sourced from World Scorecard (n. d.), depicts the annual unemployment rate in India over the eleven-year period from 2015 to 2025. The rate remained consistently high, fluctuating between 7.6% and 7.9%, from 2015 through 2020, reaching a peak of 7.9% in 2020. Thereafter, a sharp and sustained decline is evident: the rate fell to 6.4% in 2021 and 4.8% in 2022 before stabilizing at 4.2% from 2023 to 2025. This downward trajectory clearly indicates substantial improvement in India's labor-market conditions during the second half of the decade, reflecting enhanced employment opportunities and economic recovery in recent years.

The rest of this chapter is structured as follows: Section 2 provides a brief description of structural unemployment. Section 3 examines the impacts of technological change on structural unemployment. Section 4 discusses the role of skill mismatch in the Indian labor market. Section 5 presents a review of empirical study. Finally, Section 6 concludes the study and discusses the associated policy implications.

Understanding Structural Unemployment

In 2015 [3], the author introduces the basic concepts of structural unemployment across selected member countries of the International Labor Market Forecasting Network. When we discuss about the national unemployment levels, it is useful to distinguish between two main types of unemployment such as, cyclical unemployment and structural unemployment. The cyclical unemployment arises from temporary declines in demand for goods or services, and typically diminished as demand recovers. However, if such downturns persist, cyclical unemployment can evolve into structural unemployment. This transition occurs because prolonged joblessness leads to skill depreciation, making affected workers less attractive to employers.

Structural unemployment arises when there is a gap between the skills workers have and the skills employers need [18]. The importance of studying structural unemployment lies in its long-term impact on both the economy and society. The study [18] discusses the main structural factors contributing to unemployment and explore mechanisms that can enhance workforce adaptability, reduce unemployment duration, and promote sustainable economic development. Structural unemployment is also caused by structural change of the economy or advances in technology that render certain skills or occupations outdated.

The various factors that help to reduce the burden of structural unemployment are:

- Targeted policies,
- Vocational training,
- Labor mobility, and
- Government interventions.

Additionally, providing support in the form of education, training to increase the skills for finding newer jobs in an emerging industry, channelizing various subsidies and incentives where needed, such as to companies to create job opportunities in economically weaker regions. Furthermore, reducing or withdrawing unemployment benefits may encourage individuals to pursue new job opportunities more actively.

Technological Change and Structural Unemployment

Technological change is a key driver of structural unemployment globally and in India. The author Acemoglu [1] examines how technological advancements affects inequality and labor markets, emphasizing skill-based technological change that favours high-skilled workers while displacing routine tasks. Similarly, in 2023, Autor [5] traces the evolution of views on

technological impacts from initial enthusiasm about productivity gains to qualified optimism and current uncertainty, emphasizing that automation can complement certain roles while replacing others, particularly in manufacturing and routine cognitive occupations.

In developing economies such as India, the rapid adoption of automation, AI, robotics, and ICT exacerbates structural challenges. In 2024, the author Challoumis [6], explains that technological advancements transform production processes by enhancing efficiency, but they also disrupt labor markets through job displacement. Similarly, in 2020, Rahmathulla [13] analyses the dual nature of technological progress: it fosters economic growth and creates new opportunities (e.g., via IoT and AI), it can also lead to structural unemployment by rendering skills obsolete.

Further, in 2024, the authors Kwiatkowski and Bolukbas [10], confirms through panel causality tests in Central and Eastern European countries that modern technologies are associated with shifts in total employment, youth employment, and youth unemployment. Although their results do not support the notion of widespread technological unemployment, they nevertheless indicate notable structural changes in labor demand.

A comprehensive review by Hotte *et al.* in 2022, covering four decades of evidence, finds that labor-displacing effects of technologies such as ICT, robotics, and innovation are largely offset by compensatory mechanisms. This includes productivity-driven demand expansion, the creation of new tasks, and job reinstatements. However, low-skill, production, and manufacturing workers suffer disproportionately, a pattern particularly relevant to India's large informal and low-skill workforce.

A review by Lima *et al.* (2021) [11] reinforces this perspective by emphasizing that the social impacts of automation require proactive measures such as reskilling. Earlier, Rip and Kemp [14] (1998) conceptualize technological change as a systemic process involving the co-evolution of technology, institutions, and labor markets.

In the Indian context, Zala *et al.* [18] highlight the role of automation in reducing job opportunities amid a need for 90 million (approx.) non-farm jobs by 2030. In 2025, Uriarte *et al.* [16] discuss AI's entrepreneurial opportunities, while noting fragmentation in the existing research. Similarly, In 2025, Soliman and Beram [15] use dynamic GMM analysis to link technological innovation and ICT with higher unemployment in certain regions, underscoring the importance of region-specific effects.

Adding further nuance, gender-biased technological change examined by Ager *et al.* (2023) [2] highlights how technological adoption can have uneven impacts across groups, as illustrated by historical cases like milking machines displacing women's farm labor.

Skill Mismatch in the Indian Labor Market

Vertical skill mismatch (overeducated) and horizontal mismatch (working outside one's field of study) both exacerbate structural unemployment. An analysis of multiple countries by Visintin *et*

al. in 2015 [17] shows that migrants experience higher overeducation than natives, with variations by origin-destination pairs; theoretical explanations (e.g., search frictions, human capital specificity) hold less uniformly for migrants, suggesting similar dynamics for India's internal rural-urban migrants. Panel evidence from EU countries by Albiol Sanchez *et al.* (2020) [4] links perceived skill mismatches to transitions into self-employment, suggesting entrepreneurship as a partial buffer.

More recent studies reinforce these dynamics. In 2026, Kaban and Rialdy [9] provide a close parallel from Indonesia: vertical mismatch among vocational graduates and horizontal mismatches hinder productivity, imposing a 16.2% wage penalty and operational inefficiencies; they advocate strategic human resource management (SHRM) interventions like skills-first hiring and workplace learning (WPL). On the same year 2026, Makhmudov and Qosimjonova [12] gives detail structural causes including educational mismatches, geographic disparities, and consumer shifts, advocating vocational training and labor mobility. Zala *et al.* [18] explicitly note India's education-skill gap, underemployment, and qualification-job mismatches.

Review of Empirical Studies

Empirical literature consistently shows technological change and skill mismatches as core drivers of structural unemployment, though net employment effects are often neutral or positive when compensating mechanisms operate. In 2015, Alatalo *et al.* [3] provide cross-country evidence distinguishing cyclical from structural unemployment, noting persistence due to skill erosion. Acemoglu and Autor [1,5] link technical progress to inequality and task-biased displacement. Recent reviews (Hotte *et al.* [8], 2022; Lima *et al.* [11], 2021) synthesise that displacement is offset by job creation via new tasks, demand expansion, and innovation.

India-specific and analogous developing country studies [9,18] emphasise the education-industry competency gap, demographic pressures, and automation risks in low-skill sectors. Panel studies [10,15] reveal technology-ICT links to employment shifts and unemployment in certain regions, while financial inclusion and governance moderate outcomes variably. Skill-mismatch papers [4,17] highlight heterogeneity by worker type and mobility. Entrepreneurship and AI studies [6,16] point to new opportunities if reskilling occurs. Overall, the 19 reviewed papers converge on:

- Technology induces structural shifts rather than mass unemployment,
- Skill mismatches amplify costs (wage penalties, productivity loss), and
- India requires urgent, targeted interventions beyond general growth.

Policy Implications and Conclusion

To mitigate structural unemployment in India, policies must address technological displacement and skill gaps holistically. Key recommendations drawn from the literature include:

1. Massive reskilling/upskilling programmes [9,11,18]: Expand vocational training, workplace learning, and corporate university models to align educational output with industry needs.
2. Skills-first hiring and SHRM frameworks [9]: shift from degree-based to competency-based recruitment.
3. Targeted support for vulnerable groups (low-skill, youth, women, rural migrants): Leverage AI for new ventures while ensuring inclusive access.
4. Labor market reforms and mobility incentives [7,12]: Enhance UI design to reduce separations, improve geographic mobility, and incentivise job search.
5. Region-specific SDG-aligned strategies [15]: Integrate technological innovation, ICT, financial inclusion, and governance quality with job creation under SDGs 8, 9, and 16.
6. Institutional and policy coordination [5,8,10]: Monitor task-based labor demand changes and foster compensating mechanisms through innovation and demand stimulation.

In conclusion, structural unemployment in India, driven by technological change and persistent skill mismatches, poses long-term risks to inclusive growth but is manageable through proactive, evidence-based policies. The reviewed literature demonstrates that while technology displace certain jobs, compensating job creation and productivity gains dominate when accompanied by human capital investment. For India to realize its demographic dividend and Golden India 2045 vision, bridging the education-industry gap via reskilling, entrepreneurship support, and adaptive labor policies is imperative. Future research should empirically quantify India-specific task-based impacts and evaluate ongoing skilling initiatives effectiveness.

References

1. Acemoglu, D. (2000). *Technological change, inequality, and the labor market* (NBER Working Paper No. 7800). National Bureau of Economic Research. <https://www.nber.org/papers/w7800>
2. Ager, P., Goni, M., & Salvanes, K. G. (2023). *Gender-based technological change: Milking machines and the exodus of women from farming* (SAM Discussion Paper No. 16/2023). Norwegian School of Economics. <https://ssrn.com/abstract=4540211>
3. Alatalo, J., et al. (2015). *Structural unemployment in selected countries* (Aktuelle Berichte No. 4/2015). Institut für Arbeitsmarkt- und Berufsforschung (IAB). <https://hdl.handle.net/10419/161693>
4. Albiol-Sanchez, J., Diaz-Serrano, L., & Teruel, M. (2020). *The transition to self-employment and perceived skill mismatches: Panel data evidence from eleven EU countries* (IZA Discussion Paper No. 13764). Institute of Labor Economics (IZA). <https://hdl.handle.net/10419/227291>

5. Autor, D. (2023). *The labor market impacts of technological change: From unbridled enthusiasm to qualified optimism to vast uncertainty* (NBER Working Paper No. 30074). <https://www.nber.org/papers/w30074>
6. Chaloumis, C. (2024). Impact of technological change on production.
7. Hartung, B., Jung, P., & Kuhn, K. (2024). Unemployment insurance reforms and labor market dynamics.
8. Hotte, K., Somers, M., & Theodorakopulos, A. (2022). Technology and jobs: A systematic literature review. <https://arxiv.org/abs/2204.01296>
9. Kaban, M. B., & Rialdy, N. (2026). The gap between educational output and industrial competency needs: An analysis of skills mismatch in a management perspective. *Interdisciplinary Journal of Global and Multidisciplinary*, 2(1), 528–534.
10. Kwiatkowski, E., & Bolukbas, M. (2024). The impact of modern technologies on employment and unemployment in economic theory and economic practice. *Journal of Applied Social Sciences and Fine Arts (JASSA)*.
11. Lima, Y., Barbosa, C. E., dos Santos, H. S., & de Souza, J. M. (2021). Understanding technological unemployment: A review of causes, consequences, and solutions. *Societies*, 11(2), Article 50. <https://doi.org/10.3390/soc11020050>
12. Makhmudov, I. M. o'g'li, & Qosimjonova, F. S. qizi. (2026). Structural causes of unemployment and mechanisms to reduce them. 63(1).
13. Rahmathulla, S. (2020). The impact of technological advancements on unemployment rates: An analysis. *International Journal of Research and Analytical Reviews*, 7(4), 77–84.
14. Rip, A., & Kemp, R. (1998). Technological change. In R. Coombs, P. Saviotti, & V. Walsh (Eds.), *Technological change and economic performance* (pp. 327–376). Edward Elgar.
15. Soliman, O. E. N., & Beram, R. S. (2025). Sustainable development goals and unemployment: Worldwide evidence. *Journal of the Knowledge Economy*. Advance online publication. <https://doi.org/10.1007/s13132-025-02123-5>
16. Uriarte, S., Baier-Fuentes, H., Espinoza-Benavides, J., & Inzunza-Mendoza, W. (2025). Artificial intelligence technologies and entrepreneurship: A hybrid literature review. *Review of Managerial Science*. Advance online publication. <https://doi.org/10.1007/s11846-025-00839-3>
17. Visintin, S., Tijdens, K., & van Klaveren, M. (2015). Skill mismatch among migrant workers: Evidence from a large multi-country dataset. *IZA Journal of Migration*, 4, Article 14. <https://doi.org/10.1186/s40176-015-0040-0>
18. Zala, R., Thakkar, H., Zala, J., & Makwana, Y. (n.d.). *A study on unemployment in India*. Indus University.
19. World Scorecard. (n.d.). *Unemployment rate in India*. <https://worldscorecard.com/scorecards/indian-scorecard/unemployment-rate/>

THE ROLE OF DIGITAL AND SOCIAL MEDIA MARKETING IN CONSUMER BUYING BEHAVIOUR

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Abstract

This research project examines how digital and social media marketing have contributed to consumer buying behaviour in the current digital-centric marketplace. The emergence of products such as Instagram, Facebook, YouTube, consumers are more and more affected by online reviews, influencer endorsements, targeted advertisements and user-generated content. The project relies on secondary data sources (reports in the industry, online marketing insights, and publicly available data) to examine trends in consumer engagement, purchase intent, and effectiveness of brand communications.

With the help of such tools as Excel and Canva AI, the study illustrates the trends in the form of graphs and charts to determine the most effective methods of digital marketing. Findings indicate that customized advertisements, influencer marketing, and online favorable reviews have a strong impact on consumer trust and buying behaviors. The project has a systematic approach based on data collection, preprocessing, visualization, and interpretation.

According to the findings, companies need to be data-driven when using digital strategies to attract and retain customers. The project finishes off with practical recommendations, including investing in influencers, having an active social presence, promoting customer feedback, and using AI tools to market to the targeted audience.

Keywords: Digital Marketing, Social Media Marketing, Consumer Buying Behaviour, Artificial Intelligence, Predictive Analytics, Customer Engagement, Purchase Intention.

Introduction

In a contemporary world that is highly connected and fast-paced, digital and social (Stephen, A. T. The media platforms of 2016) have taken the centre stage in how businesses interact with consumers (Padel, S., & Zander, K.). 2011). The swift development of the internet (Coffman, K. G., & Odlyzko, A. M. This has changed the conventional methods of marketing; smartphones, social networking sites have introduced a more interactive, data-driven and personalized mode of marketing. Consequently, the Customers cease being passive receivers of promotional messages that they actively interact with brands, research details online, exchange experiences, and make a

purchase decision based on digital interactions.

The chapter presents the background and the objective of the research on the role of digital and social media marketing in influencing consumer buying behaviour. It emphasizes the role of platforms like Instagram, Facebook, YouTube, Google, and other e-commerce sites in providing new possibilities that allow the brands to access the customers more effectively. At the same time, it explains how consumer expectations (Arman tier, O., Topa, G., Van der Klaew, W., & Zafar, B. Awareness, trust, and decision-making processes have changed due to constant exposure on the internet in 2017).

Another crucial element of the chapter is the significance of this research in comprehending the current consumer psychology (Durante, K. M., and Griskevicius, V. 2018), the increased role of digital strategies in business (Bharadwaj, A., El Sway, O. A., Pavlou, P. A., and Venkatraman, N. V. 2013), and It preconditions the examination of the influence of digital and social media marketing on all the steps of the buying process, starting with the recognition of a problem, entering a search, making a purchase decision, and concluding with the evaluation of the experience.

The **purpose of the study** is as follows:

- To analyse how digital and social media marketing impact consumer buying behaviour.
- To determine which social media platforms have the greatest impact on consumers.
- To research the impact of online reviews, advertisements, influencers, and product videos.
- To learn about consumers decision making process with primary data.
- To offer recommendations to companies to enhance the digital and social media marketing plans.

Scope of the Study

The research is concerned with:

- People who use social media and other online platforms.
- Control over Instagram, YouTube, Facebook, ads, reviews, posts of influencers and promotions.
- Online shopping, brand comparison related buying behaviour and digital content buying behaviour.
- Primary data obtained with 105respondents of mixed audiences.

Study Limitation

- The sample size will be limited to 105respondents.
- The answers are biased and are based on individual views.
- It limits the scope of the study to urban and semi -urban consumers.

- Data collection was done online only.
- The analysis was constrained due to the limited time.

LITERATURE REVIEW

The breaking pace of development of digital technologies and social media platforms has radically transformed the manner in which buyers seek, compare, and decide on purchasing products. Scholars in the domains of marketing, psychology, and communication studies have pointed out that social media sites like Instagram, YouTube, Facebook, and online review platforms have become a strong platform where consumers interact with the brands and with one another. The available literature always demonstrates that such characteristics as influencer marketing, online reviews, targeted advertising, user-generated content, and interactive communication impact trust, perceptions, and purchasing behaviours considerably. The review unites the most important academic knowledge of previous researches to comprehend the impact of digital and social media marketing on contemporary consumer behaviour, both well-known and unanswered, encouraging further studies.

According to Stephen (2016), digital and social media marketing have taken centre stage to influence the modern consumer behaviour. He points out that the social platforms enable brands to interact with customers in real time, gather behavioural information, send highly targeted messages. The social media facilitates the two-way communication unlike the traditional one-way advertisement, where consumers can comment, share, and co-create content. This interactive platform affects all steps of the purchasing decision making process including awareness and information search, evaluation and post purchase feedback. Stephen also says that online reviews, social advertisements, and influencer content are examples of digital touchpoints that result in a continuous flow of persuasion that consumer behaviour is more dynamic and less linear than in classical conceptions.

Hajli (2014) dwells on the aspect of social media platforms as a venue of social intercourse, recommendation, and trust. He says that online community, review section, and forums are features that promote an electronic word of mouth (e-WOM) that has a powerful influence on consumer decision making. Reading positive comments, ratings and experience posted by other users, the perceived risk level of the users gets lower and purchase intention gets higher. On the other hand, negative remarks can immediately destroy brand image and decrease sales. Hajli concludes that social media does not merely heighten marketing messages, but it establishes the atmosphere of trust, where user-created content is usually more influential than advertising which is controlled by a brand, so social media plays a vital role in consumer purchasing behaviour.

According to Mangold and Faulds (2009), the social media is a hybrid component of the promotion mix, which combines elements between the traditional integrated marketing communication and consumer-to-consumer dialogue. They say that the digital platform has changed the balance to the consumer whereby now they can easily broadcast opinions, experiences and recommendations to large masses. This change implies that marketers can no longer entirely determine the messages of a brand, but they have to engage in dialogue and develop online presence in a strategic manner. The authors underline that social media is one of the most crucial elements of contemporary marketing strategy as it affects the perceptions of brand credibility, product quality and value by means of interaction with peers.

Kaplan and Haenlein (2010) offer a conceptual framework of the various types of social media, including social networking sites, content communities and blogs, and discusses the varying impacts each type of social media has on consumer interaction. They posit that companies should select the appropriate form of platform and this is dependent on the communication goals and the audience. Social media allows consumers to be both users and creators of content thus obliterating the boundary between producers and consumers. This interactivity has a powerful effect on consumer purchasing, as individuals tend to use the information produced by other users reviews, unboxing videos, tutorials when making a decision on a product. The article highlights that effective online initiatives need to be genuine, transparent, and have regular engagement with the audience.

Kim and Ko (2012) analyse social media marketing actions in the setting of premium fashion brands and their effect on consumer equity and purchase aim. Interactive communication, entertainment, trendiness and word of mouth on social platforms are some of the activities that they find extremely boost brand equity dimensions such as brand image and relationship quality. Such enhanced perceptions in turn have a positive impact on purchase intention. Their research indicates that whenever consumers perceive a brand through a social media content as fun, educational and current, the consumers will tend to develop positive attitudes and purchase the products. Herein lies the importance of well-thought social media campaigns to translate online interaction into actual purchasing behaviour.

Alalwan (2018) explores the influence of the particular characteristics of digital advertising in the social platform, including informativeness, credibility, entertainment, and interactive Ness on customer purchase intention. The results indicate that the perceived usefulness and credibility to social ads greatly affect intention to buy, whereas the intrusive or misleading ads may cause resistance. Customers are more likely to react to advertisements that are appealing and have content that is relevant and informative about the products. The study highlights that the most effective promotions done through social sites is one that builds trust and value and not merely

pushing promotion messages, which directly affects the process through which consumers shift in terms of awareness to actual purchase.

Duffett (2015) looks at Facebook advertising and its effects on the intention to purchase of Generation Y. The research demonstrates that ad involvement, brand liking, and perceived entertainment are some of the factors that influence the attitude of young consumers towards ads and brands. Spending a lot of time on social media, Generation Y constantly sees brand messages, sponsored posts, interactive campaigns. Duffett concludes that Facebook advertisements are capable of influencing consumer purchasing behaviour in case they are interesting, relevant and consistent with the self-image of the users. Nevertheless, the unwisely directed or excessive frequency advertisements can result in avoidance, and it is crucial to develop consumer-based online strategies.

Research Gaps

Despite the existing body of research, there are a number of gaps:

- Minimal research on primary data on young consumers.
- The fast-evolving technology renders older studies less relevant.
- The effect of multiple digital tools is not studied in many studies.
- There are still limited insights on industries.
- These lacunae suggest the necessity of new studies, particularly consumer level.

On the whole, there is strong literature evidence that digital and social media marketing have a strong impact on consumer buying behaviour. They influence cognition, involvement, confidence, and ultimate buying behaviour. The results of the past research are the foundation of the current research and the reason why it is necessary to investigate the reaction of consumers to the digital marketing strategy in the present day.

Research Methodology

Research methodology explains how the study has been carried out. As this project is founded on primary data, the chapter covers the research design, sampling, data collection tool, and the methods to analyse the information. A definite methodology makes the study to be reliable, valid and easily understood by the readers.

Research Design

The current research adheres to the descriptive research design, and, therefore, it will be interested in describing and comprehending the connection between digital/social media marketing and customer buying behaviour. The design is appropriate as the research is aimed at establishing patterns, opinions and preferences of customers in respect to internet marketing practices.

Descriptive design can also be used to determine consumer response to advertisements, influencers, online reviews, brand pages, and other digital touchpoints. The design facilitates

analysis based on facts and without bias since the responses were gathered directly by individuals.

The nature of the study is qualitative in nature. This is a quantitative study since a structured questionnaire has been used in order to collect numerical data. The answers were subsequently subjected to simple statistical analysis in terms of percentage and charts. The quantitative method enables the clear comparison between trends and consumer opinions.

Concurrently, qualitative input is also included in the study where appropriate, including the ability to determine the reasons why users use social media, their preferences, and perceptions regarding the marketing of products on the social media.

Sources of Data

Primary Data: The data has been collected using primary data where respondents were directly asked using online questionnaire. The questions were formulated to learn how the content of digital and social media affects their awareness, interest, decision-making and purchase intentions. Primary data will allow the study to be more relevant and reliable since it will capture real-time responses of real users.

Secondary Data: Secondary data is borrowed through research journals, articles, websites, reports, and past studies about digital marketing, consumer behaviour and trends in social media usage. It makes a theoretical justification and reinforces the context of the research.

Sampling Method

The adoption employs convenience-based sampling that implies that the identification of the participants was carried out among those individuals that were available and willing to participate. This technique is suitable when the survey is done via Google Forms or social media sites and is fast and simple to collect data.

Although the sample may not fully reflect on the entire population, it works well in research at the academic level where direct access to the respondents is required.

The adopts convenience-based sampling which means participants were identified from individuals who were available and agreed to participate. This method is appropriate for surveys conducted through Google Forms or social media platforms, as it allows quick and easy data collection.

While the sample might not completely represent the complete population, it is effective for academic research where direct access to respondents is needed.

Sampling Size

The total sample size for this study is 105 respondents. A sample of 105 is considered adequate for analysing general consumer trends and opinions. It provides enough data to observe patterns and draw meaningful conclusions about how digital and social media marketing influences consumers.

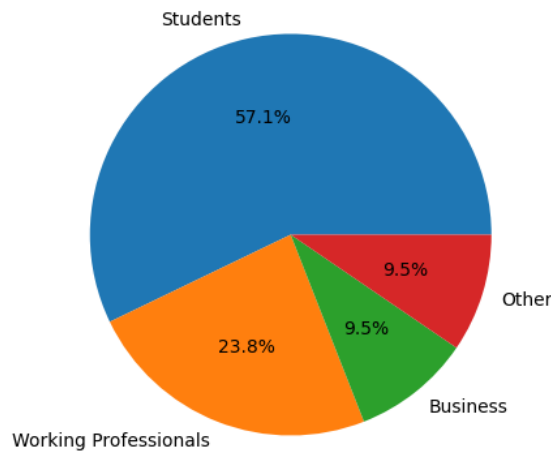


Figure 1: Sampling Distribution of Respondents

Target Population

The target group consists of individual customers that use social media and online shopping platforms. The sample is predominantly represented by students, working and the general users who actively consume digital content, including ads, influencers, brand posts, reel, reviews and online promotions.

The research instrument (questionnaire design) is detailed in 3.7

It was structured questionnaire with closed ended and few open-ended questions.

The types of questions were:

The questionnaire had various categories of questions to ensure that respondents could answer it easily. They were multiple-choice, Likert scale (Strongly Agree/Strongly Disagree) questions, simple Yes/No questions, and behaviour-based questions like how frequently people use social media or which ones they like the most.

It has included such critical aspects as daily social media user, the level of trust people has toward online ads, the ability of reviews and influencers to change the ultimate buying choice. It has also examined whether individuals are more inclined to digital advertising than the traditional advertising and the role of digital marketing in generating awareness of the brand.

The questionnaire was first tested on a small sample of users before being shared to ensure that the questions were clear, relevant, and easy to comprehend.

Data Collection Method

The survey was filled in with the help of Google Forms, which was distributed via WhatsApp, Instagram, and others. Individuals volunteered through filling the form online. This approach was selected as it is convenient, cost effective and enables rapid gathering of responses of a larger audience.

- It is quick and cost-effective
- Respondent is able to respond at his own time.
- Information is automatically captured in a systematized format, minimizing errors.

Analysis Tools and Techniques

Data that was collected was analysed using:

- Frequency distribution
- Charts and graphs (Bar charts, Pie charts).
- Interpretation based on trends and patterns

The tools can be used to give a clear picture of the impact of online and social media advertising on customer buying behaviour.

Methodology Shortcomings

- The sample used is 105 respondents and this might not be representative of all consumer groups.
- The reactions can be based on personal views or interim behaviour.
- Convenience sampling can be slightly biased as it is not well represented.
- Only persons who have access to the internet and social media are included in the study.

Data Analysis and Interpretation

Introduction

4.1: Preference of consumers for using platform

In this chapter, the analysis of the main data obtained by using 105 participants with the help of a structured questionnaire is presented. The answers were evaluated to test the question of the impacts of digital and social media marketing on the consumer buying behaviour. The analysis contains tables, graphs and clear interpretations of each section.

Table 1: Preference for using platform

Platform	Percentage (%)
Instagram	40%
YouTube	30%
Facebook	20%
Others	10%

Instagram (40%) and YouTube (30%), are the most popular, and that is a visual and video-based platform dominating the online content. Facebook has an intermediate usage, and the reach of the Others (Snapchat or Twitter) is low.

4.2 Trust Level in Digital Marketing

Table 2: Trust Levels of Consumers.

Trust Level	Percentage (%)
High	35%
Moderate	45%
Low	20%

Most of the respondents are moderately trusting (45%), but only 20% are low trust. This shows that the consumers are careful yet receptive to online promotions in the presence of credible information.

4.3 Effect of Influencers on Purchasing Behaviour

Table 3: Impact of Digital Creators.

Category	Percentage (%)
Strongly Influenced	50%
Somewhat Influenced	35%
Not Influenced	15%

A half of the participant (50) is highly influenced by influencers. This is a clear indication of the increasing influence of social media creators to influence the purchase decisions and brand perception.

4.4 Effectiveness of Digital Content Types

Table 4: Favourite Content

Content Type	Percentage (%)
Videos	45%
Images	30%
Reviews	15%
Stories	10%

The most effective content format (45%) is videos since it is more understandable and engaging. Images are second (30%), and then reviews and stories.

4.5 Major Analysis Results

The most desirable among the users are Instagram and YouTube. Majority of consumers are moderate and this forms authenticity enhances influence. The effect of the influencers on the consumer choices is substantial. The most interesting and the most effective form of digital content is videos.

4.4 Summary

This chapter makes it clear that the contemporary consumer is vastly dependent on the social media, the influencers, and the visual content in order to make any purchase decisions. The analysis indicates the strong impact of digital marketing in shaping consume behaviour.

5. Results, Visualization and Discussion.

5.1 Introduction

The chapter summarizes the key conclusions made based on the primary research conducted on 100 respondents on the importance of digital and social media marketing in consumer buying behaviour. The results are presented in terms of charts, tables, and visual understanding. Each

outcome is preceded by a lucid business interpretation to conceive how digital platforms impact the purchasing decisions.

5.2.1 Favourite Social Media Platform.

The findings show that Instagram is the most popular platform (40 percent), then YouTube (30 percent) and Facebook (20 percent), the other platforms take 10 percent of the users.

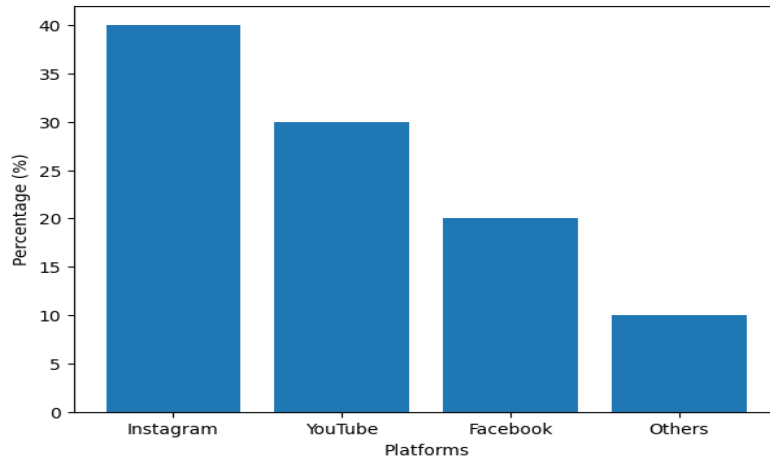


Figure 2: Preferred Platforms Distribution

Interpretation:

Video content is more engaging to people than any other type. They would rather see some short and visually clear videos, which explain the product in a quicker manner, before purchasing it. Videos enable them to learn more about the product and make decisions quickly.

5.2.2 Level of Trust in Online Marketing

The findings indicate that 45% of the respondents moderate trust of digital marketing and 35% of the respondents are highly trusting and 20% are low trusting. It shows that most individuals believe in digital marketing to a degree even though there is still a sizeable number who are skeptical.

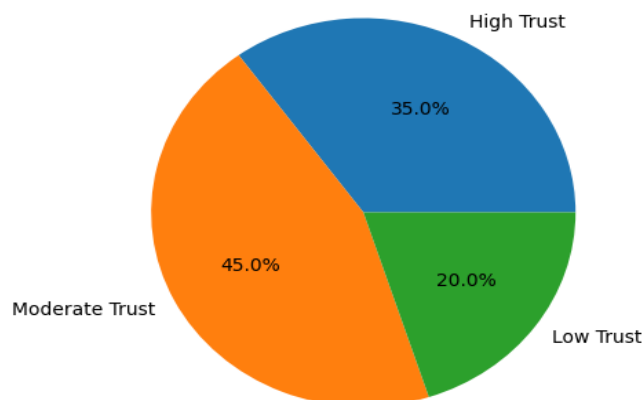


Figure 3: Consumer Trust in Digital Advertisement.

Interpretation

The majority of the consumers about 80% trust the information they view in digital marketing. It reveals that the online material has turned out to be a credible means of getting information on products, particularly when the information seems authentic, useful, as well as applicable to their needs.

5.2.3 Impact of Online Advertisements on Purchasing

The findings suggest that half of the consumers are highly influenced by online advertisements whereas 30 percent are moderately influenced and 20 percent are lowly influenced. This indicates that online advertisements are influential in the purchasing process, and most consumers are influenced in some form or another and keep the customers attention

Most consumers—about 80%—trust the information they see through digital marketing. It shows that online content has become a reliable source for learning about products, especially when the information feels genuine, useful, and relevant to their needs

5.2.3 Influence of Digital Ads on Buying Decisions

The results indicate that 50% of consumers are strongly influenced by digital advertisements, while 30% are moderately influenced and 20% experience low influence. This suggests that digital ads play a significant role in shaping buying decisions, with a majority of consumers being impacted to some extent.

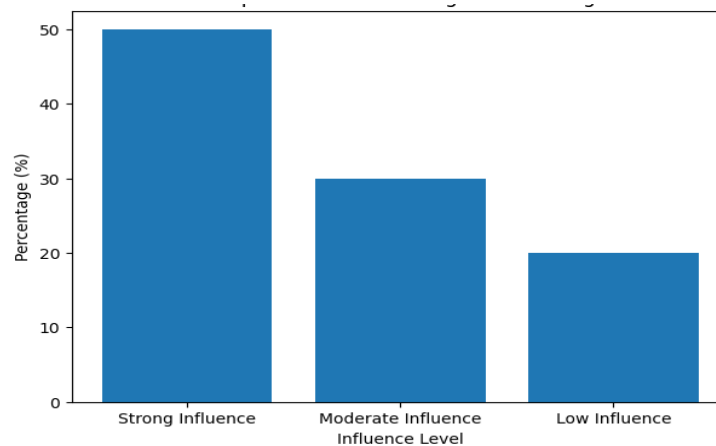


Figure 4: Influence of Digital Marketing

Interpretation:

Almost half of the people feel a strong impact from things like online ads, influencer recommendations, and personalised suggestions. It shows how effective customised digital marketing can be in shaping consumer choices and guiding buying decisions.

Type of Digital Content Preferred

According to the results, half of the consumers are highly influenced by online advertising, and the other 30% are moderately influenced and the remaining 20% are lowly influenced. This

implies that online advertisements are influential in influencing purchase decision making with most people being affected to some degree.

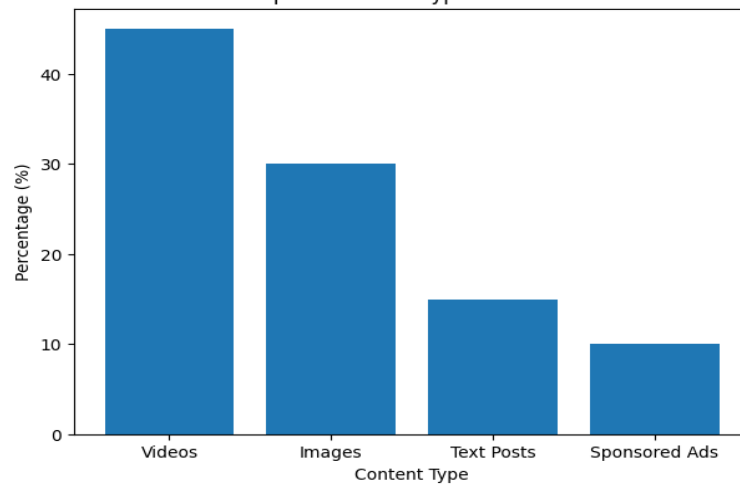


Figure 5: Preference of Content Type.

Interpretation:

Individuals love consuming sites full of images and videos, including Instagram and YouTube. Due to this inclination, brands must pay more attention to designing visual eye-catchers and interesting videos should they wish to capture and keep the attention of the customers.

5.2.5 Rates of Online Purchases that were affected by Social Media

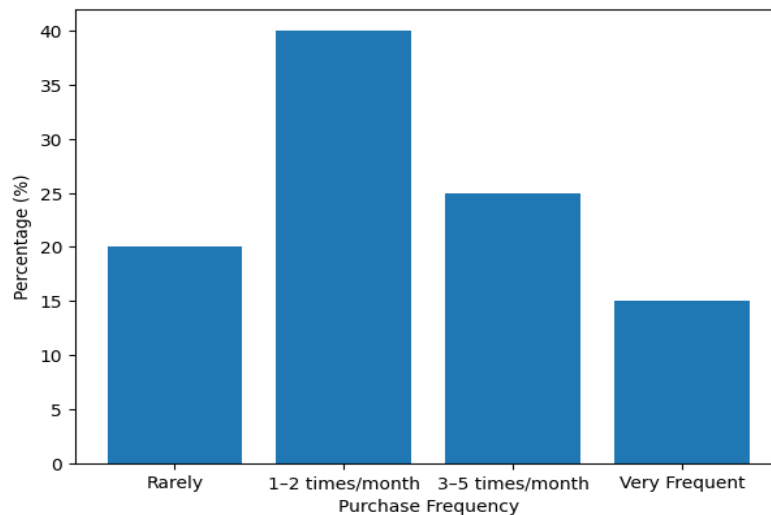


Figure 6: Purchase Frequency as a result of Digital Marketing

Most of the respondents purchase online at least 12 times every month based on the advertisements or recommendation of influencers.

Interpretation:

It means that social media is important in terms of the continuous discovery of products and promotes repeat buying. Digital marketing communication, particularly advertisements and influencers, are effective to maintain consumer attention and create a steady purchasing pattern.

5.3 Discussion in Business Context

Based on the results, it is evident that:

- i. Consumers are dominated by visual platforms: Instagram and YouTube campaigns should be the priority of brands operating in the field of beauty, fashion, lifestyle, electronics, and food.
- ii. Influencer marketing is a strong force: As half of them are strongly influenced, partnership with the micro and macro influencers will give high ROI.
- iii. Authenticity builds trust: Exaggerated claims are not received well by consumers. Clear advertisement and authentic reviews enhance brand trust.
- iv. The basic strategy should be video marketing: Purchasing behaviour is most influenced by video tutorials, reviews, product demo, and reels.
- v. Digital marketing is a continuous influence: The rate of purchases as a result of social media demonstrates that the consumers are proactive users of online information in making purchases.

5.5 Summary

The findings reveal that there exists a significant relationship between consumer buying behaviour and the digital/social media marketing. Such platforms as Instagram and YouTube, as well as influencer recommendations and video content, play a crucial role in influencing consumer decisions. The companies will be able to engage the audience more and capture more conversions through visual storytelling, authentic communication, and audience-oriented content design.

Conclusion

The research was out to learn the impact of digital and social media marketing on consumer buying behaviour. Then, rely on the results of the survey, this.

it is obvious that social media, like Instagram, YouTube, Facebook, and WhatsApp, have become influential influencers of consumer decisions. Consumers are becoming more dependent on online reviews, recommendations of influencers, and personalized ads before they can make a purchase.

The majority of respondents agreed that online platforms assist them in product comparisons, price analysis, feature reviews, and stay informed about new releases. The influencer marketing was identified to be particularly effective with young consumers, who trust the opinion of content creators more than the traditional advertisement.

The study finds that:

- Digital and social media marketing have a significant impact on the awareness, interest and purchase decisions.

- Visual content, reviews by the influencers, and customized ads have a tremendous impact on preferences.
- Customers like brands that have active online presence and are fast responding online.
- Engagement through the social media fosters trust and eventually enhances the chances of purchase.

Recommendations

For Businesses

- i. Expand Social Media: To remain visible, brands are encouraged to engage online by posting interesting content on such platforms as Instagram, You Tube and Facebook.
- ii. Utilise Influencer Collaborations: Collaboration with micro-influencers with niche audiences can create more trust and conversions.
- iii. Use Targeted Advertisements: Individualized advertisements using consumer interests enhance the number of clicks and purchase.
- iv. Customer Interaction: Being prompt in responding to queries, comments, and reviews develop customer satisfaction and loyalty.
- v. Provide Authentic Customer Reviews: Real reviews and user-generated content are major factors in purchasing.

For Consumers

- i. Verify Information: Do not believe the reviews on the Internet or promotions by influencers before checking several places.
- ii. Avoid Impulse Buying: Digital advertisements will be aimed at making immediate purchases; consumers are supposed to make comparisons.
- iii. Know Sponsored Content: Lots of influencers are offered to advertise products; consumers ought to recognize paid collaborations.

References

1. Alalwan, A. A. (2018). The effect of social media advertising characteristics on customer purchase intention. *International Journal of Information Management*, 42, 65–77.
2. Andrews, M., Luo, X., Fang, Z., & Ghose, A. (2016). Mobile ad effectiveness: Hyper-contextual targeting. *Marketing Science*, 35(2), 218–233.
3. Belch, G. E., & Belch, M. A. (2021). *Advertising and promotion: An integrated marketing communications perspective*. McGraw-Hill.
4. Duffett, R. G. (2015). Facebook advertising and purchase intention among Generation Y. *African Journal of Business Management*, 9(1), 1–6.
5. Google Think Insights. (2023). *Consumer search behaviour report*.
6. Hajli, N. (2014). The significance of social media in influencing consumer decision-making. *International Journal of Market Research*, 56(3), 387–404.

7. Hootsuite & We Are Social. (2024). *Digital 2024: Global overview report*.
8. Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of social media. *Business Horizons*, 53(1), 59–68.
9. Keller, K. L. (2013). *Strategic brand management* (4th ed.). Pearson.
10. Kim, A. J., & Ko, E. (2012). Do social media marketing activities enhance customer equity? *Journal of Business Research*, 65(10), 1480–1486.
11. Kotler, P., Kartajaya, H., & Setiawan, I. (2017). *Marketing 4.0: Moving from traditional to digital*. Wiley.
12. Mangold, W. G., & Faulds, D. J. (2009). Social media as a hybrid element of the promotion mix. *Business Horizons*, 52(4), 357–365.
13. PwC. (2024). *Global consumer insights survey*.
14. Raman, A., & Chinnasamy, M. (2020). Effects of digital marketing on customer buying behaviour. *International Journal of Scientific and Technology Research*, 9(3), 829–833.
15. Smith, A. (2011). The impact of social media on consumer behaviour. *Journal of Applied Business and Economics*, 12(1), 15–22.
16. Solomon, M. R. (2018). *Consumer behavior: Buying, having, and being* (12th ed.). Pearson.
17. Statista. (2024). *Global social media usage report*.
18. Tiago, M. T. P. M. B., & Veríssimo, J. M. C. (2014). Online marketing and social media: Why it matters. *Business Horizons*, 57(6), 703–708.
19. Stephen, A. T. (2016). The role of digital and social media marketing in consumer behavior. *Current Opinion in Psychology*, 10, 17–21.
20. Padel, S., & Zander, K. (2011). Effective communication with consumers. In *Organic farming* (pp. 29–31).
21. Armantier, O., Topa, G., Van der Klaauw, W., & Zafar, B. (2017). An overview of the survey of consumer expectations. *Economic Policy Review*, 23(2), 51–72.
22. Durante, K. M., & Griskevicius, V. (2018). Evolutionary insights into consumer behavior. *Consumer Psychology Review*, 1(1), 4–21.
23. Bharadwaj, A., El Sawy, O. A., Pavlou, P. A., & Venkatraman, N. (2013). Digital business strategy: Toward a next generation of insights. *MIS Quarterly*, 37(2), 471–482.

ROLE OF SOCIAL MEDIA MARKETING IN SHAPING CONSUMER BUYING BEHAVIOUR

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Abstract

In the digital age, social media marketing has emerged as a formidable instrument for shaping consumer purchasing behaviour. Businesses are increasingly utilizing social media to market their products, interact with customers, and cultivate brand relationships, primarily owing to the extensive popularity of platforms such as Facebook, Instagram, and YouTube. In contrast to conventional marketing, social media facilitates interaction, prompt feedback, and content generation, which profoundly influences consumer perceptions and decision-making regarding products. This study examines the impact of social media marketing on consumer purchasing behaviour, employing secondary data from research articles, books, and industry reports. It emphasizes critical elements that influence consumer attitudes towards purchases, including online reviews, influencer marketing, peer influence, and targeted advertisements. The study examines the influence of social media throughout the consumer decision-making process, encompassing product awareness, evaluation, purchase, and post-purchase behaviour. The results indicate that social media is essential for increasing product awareness, fostering trust via electronic word-of-mouth, and stimulating impulsive purchases. Moreover, it enhances the probability of consumers selecting and engaging with particular brands by offering avenues for direct interaction, tailored marketing, and the cultivation of brand loyalty communities. The research indicates that social media marketing profoundly influences consumer behaviour, rendering it a crucial component of contemporary marketing strategies.

Keywords: Digital Marketing, Social Media Marketing, Consumer Behaviour, Influencer Marketing, Online Reviews, Purchasing Decisions.

Introduction

The rapid advancement of information and communication technology in the digital era has profoundly transformed business operations and customer interactions. A significant transformation in this domain is the emergence of social media marketing, which has revolutionized marketing practices by shifting from a unidirectional communication model to a more interactive and participatory approach. Businesses can engage directly with customers,

cultivate connections, and communicate in real time on social media platforms such as Instagram, Facebook, YouTube, and Twitter (Kaplan & Haenlein, 2010).

In contrast, traditional marketing strategies like television, newspapers, and radio mostly emphasize one-way communication. In social media marketing, information circulates bidirectionally, transforming consumers from passive recipients into active players. Consumers can create, disseminate, and exchange material such as reviews, ratings, comments, and personal narratives. This significantly influences consumer perceptions (Mangold & Faulds, 2009). User-generated content significantly influences consumer perceptions of a product, as it is frequently regarded as more credible and trustworthy than company advertisements (Cheung & Thadani, 2012).

Additionally, social media has emerged as a crucial information source for individuals deliberating their purchasing decisions. An increasing number of individuals consult internet reviews, influencer recommendations, and peer opinions on social media prior to making a purchase. This behaviour indicates that individuals are now making decisions influenced by others' opinions, marking a significant shift from their previous decision-making processes. Electronic word-of-mouth (e-WOM) significantly influences awareness, interest, evaluation, and ultimate purchase decisions (Hennig-Thurau *et al.*, 2004). Social media facilitates the accessibility and immediacy of information, thereby equalising opportunities and empowering consumers to make informed decisions.

Additionally, social media marketing influences various stages of the purchasing process, including need recognition, information search, option evaluation, purchase decision-making, and post-purchase behaviour. For instance, aesthetically pleasing advertisements and endorsements from influencers on platforms such as Instagram can enhance awareness and stimulate desire. Customer ratings and feedback facilitate option comparison and mitigate perceived risk (Solomon, 2018). The dissemination of post-purchase experiences influences prospective purchasers, establishing an ongoing cycle of impact.

Thus, social media marketing serves not just as a promotional tool but also significantly shapes consumer behaviour. It influences consumer awareness of items, preferences, brand perception, and ultimately, purchasing decisions. In the contemporary business landscape, marketers aspiring to surpass competitors and effectively engage digital consumers must understand the impact of social media marketing on purchasing behaviour.

Objectives and Research Methodology

The study is conducted with the following objectives:

1. To understand the concept and importance of social media marketing.
2. To investigate the impact of social media marketing on customer buying behaviour.
3. To identify critical factors between social media marketing and customer behaviour.

4. To examine the impact of social media on customer choices and buying intentions.

This study is descriptive and analytical, focusing on clarifying the relationship between social media marketing and customer behaviour. The study is based solely on secondary data acquired from several reputable sources. The sources comprise research journals, academic articles, marketing and consumer behaviour books, reports from organizations like Statista, Deloitte, and McKinsey, as well as government publications and relevant web databases. The data was obtained by a systematic study of the literature, concentrating on studies related to digital marketing trends and consumer purchase behaviour. The study utilises qualitative approaches for analysis, including theme and comparative analyses of previous research findings. These methods enable the recognition of dominant patterns, trends, and relationships, thus promoting a comprehensive understanding of the influence of social media marketing on consumer behaviour.

Literature Review

Social media marketing has gained significant popularity in recent years due to its substantial impact on purchasing decisions, particularly in emerging markets such as India. Mangold and Faulds (2009) defined social media as a hybrid element of the promotional mix, merging traditional marketing communication with user-generated material. Kaplan and Haenlein (2010) defined social media as internet-based platforms that enable the development and exchange of user-generated content, thus enhancing consumer involvement. Kotler and Keller (2016) articulated that consumer purchase behaviour is influenced by social and psychological variables, which are increasingly shaped by digital interactions.

In India, the swift proliferation of smartphone usage and internet accessibility has significantly impacted shopping behaviours. India has had a significant rise in the adoption of digital technologies, rendering social media a crucial marketing instrument (Statista, 2023). Research conducted in India indicates that platforms such as Instagram and YouTube wield considerable influence, with visual content and influencer-driven promotions playing a crucial role in shaping consumer perceptions and interactions with brands (Singh & Verma, 2021). Cheung and Thadani (2012) emphasized the importance of electronic word-of-mouth (e-WOM), particularly relevant in India, where consumers largely rely on online reviews and peer recommendations before making purchasing decisions. Studies on Indian consumers indicate that social media advertising significantly influences brand recognition, buying intent, and customer trust (Sharma & Kaur, 2020). A study of FMCG consumers in India revealed that social media components, such as product reviews, awareness, and perceived information, substantially impact purchasing behaviour (Gupta, 2022).

Additionally, influencer marketing has emerged as a significant determinant in consumer decision-making in India. Influencers are individuals with a substantial following who are trusted

and sought after for guidance. This influences consumer purchasing behaviour (Patil, 2021). Social media platforms facilitate online connections, hence enhancing brand-consumer relationships and fostering client loyalty (Kumar & Singh, 2020). Research indicates that social media is expanding its impact in rural India, influencing consumer purchasing behaviour across diverse demographic segments (Meena & Yadav, 2022). Schiffman and Wisenblit (2019) further assert that repeated exposure to brand content increases the likelihood of consumer purchases and fosters brand loyalty. Verhagen and Van Dolen (2011) found that online environments foster impulsive buying behaviour due to attractive visuals and ease of access. Hennig-Thurau *et al.* (2004) highlighted that online consumer reviews substantially impact pre-purchase and post-purchase behaviour.

Current literature demonstrates that social media marketing significantly influences consumer awareness, decision-making, preferences, and post-purchase behaviour, especially in the Indian context. However, there is a need for comprehensive research that integrates these variables to improve the understanding of the overall impact of social media marketing on consumer purchasing behaviour.

Theoretical Framework

Social media marketing refers to the use of social networking platforms by businesses to promote their products, increase brand awareness, and engage with customers. It encompasses activities such as content creation, executing paid advertisements, collaborating with influencers, and encouraging audience engagement through likes, comments, and shares of your postings. Social media marketing differs from traditional marketing as it facilitates interpersonal communication and enables client engagement in brand interactions. Kaplan and Haenlein (2010) define social media as internet apps that enable individuals to create and disseminate user-generated content. Mangold and Faulds (2009) emphasize that social media constitutes a hybrid element of the promotional mix, as it integrates content generated by the company with communication produced by consumers. This enhances the efficacy of marketing initiatives and broadens audience reach.

Consumer purchasing behaviour encompasses the processes by which individuals select, acquire, utilize, and evaluate products or services. This process often involves phases such as identifying a need, seeking information, evaluating alternatives, making a purchasing choice, and post-purchase actions. Kotler and Keller (2016) assert that cultural, social, personal, and psychological aspects influence consumer behaviour. According to Schiffman and Wisenblit (2019), attitudes, perceptions, learning, and motivations significantly influence decision-making processes. In the digital era, these factors are increasingly influenced by online interactions, rendering consumer behaviour more dynamic and information-driven.

The relationship between social media and consumer behaviour is significant, as it provides information, fosters trust, and alters attitudes through continuous interaction and engagement. Individuals can acquire knowledge regarding products, examine alternatives, and peruse evaluations on platforms such as Instagram, YouTube, and Facebook prior to making a purchase. Cheung and Thadani (2012) revealed that electronic word-of-mouth (e-WOM) significantly influences consumer decision-making, as individuals typically exhibit greater trust in online reviews and peer recommendations than in traditional marketing. Similarly, Hennig-Thurau *et al.* (2004) demonstrated that online reviews and experiences disseminated via digital platforms influence consumer behaviour both prior to and following a purchase. Furthermore, social media fosters trust between brands and consumers by facilitating direct communication, thereby reducing information asymmetry. Influencer marketing is crucial as influencers serve as opinion leaders who alter consumer perceptions and purchasing desires (De Veirman, Cauberghe, & Hudders, 2017).

Furthermore, personalized advertisements and targeted marketing methods enhance content relevance, hence increasing the likelihood of consumer engagement and purchases. Verhagen and Van Dolen (2011) asserted that online environments facilitate impulsive purchasing due to their accessibility, appealing visuals, and time-sensitive promotions. Overall, social media serves as a significant conduit between marketing and consumer behaviour, influencing each stage of the decision-making process, from product awareness to post-purchase evaluation.

Conceptual Model

A conceptual model illustrates the relationship between social media marketing and consumer buying behaviour. The model illustrates the primary elements influencing customer decision-making.

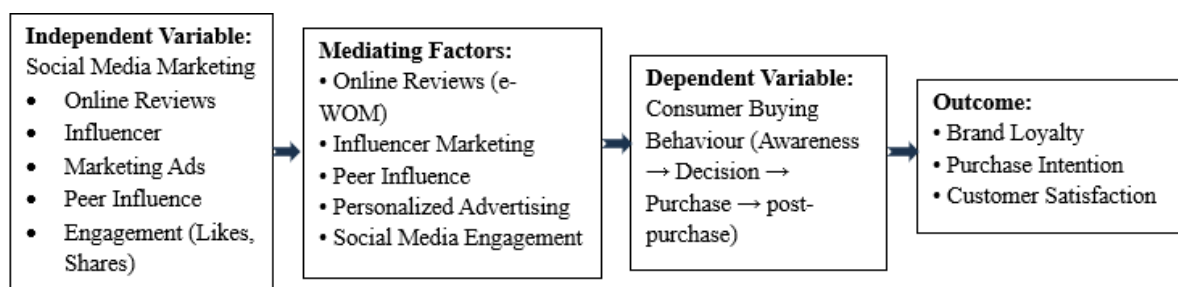


Figure 1: A conceptual framework depicting the impact of social media marketing on consumer behaviour

The framework demonstrates the influence of social media marketing on purchasing decisions. Social media marketing serves as the independent variable influencing individuals' behaviour due to factors such as online reviews, influencer marketing, peer pressure, tailored advertisements, and user engagement. These elements significantly impact individuals' cognition, emotions, and decision-making processes.

The model illustrates that social media primarily affects multiple stages of consumer behaviour, including awareness, interest, evaluation, purchase, and post-purchase behaviour. Individuals cultivate brand preferences and trust through consistent exposure to digital material and interactions. Ultimately, this results in increased consumer purchasing, enhanced brand loyalty, and greater customer satisfaction. The model indicates that social media marketing does not directly influence consumer purchasing behaviour. Rather, it operates through many psychological and interpersonal elements that influence decision-making processes.

Impact of Social Media Marketing on Consumer Buying Behaviour

Social media marketing significantly influences consumer purchasing behaviour in the digital era. Social media platforms influence individuals' perceptions, evaluations, and purchasing behaviours by facilitating interaction, information sharing, and personalized communication. Its impact is seen in multiple facets of consumer behaviour, including awareness, decision-making, preferences, impulsive purchasing, and post-purchase activities (Kaplan & Haenlein, 2010; Tuten & Solomon, 2017).

- 1. Impact on Awareness:** Social media marketing is crucial for promoting product awareness. Businesses may swiftly and effortlessly engage a vast and targeted audience through advertisements, reels, sponsored posts, and brand collaborations. Platforms such as Instagram and Facebook employ algorithms to tailor content according to user preferences, thereby enhancing brand recognition and visibility. This mode of communication increases the likelihood of individuals discovering new products and services, hence rendering social media an effective platform for raising awareness (Ashley & Tuten, 2015; Dwivedi *et al.*, 2021).
- 2. Impact on Decision-Making:** Social media significantly influences decision-making by providing access to user-generated content such as reviews, ratings, and testimonies. Electronic word-of-mouth (e-WOM) has emerged as a significant determinant in consumer purchasing decisions, since individuals tend to place greater trust in recommendations from peers than in advertisements. Influencer marketing enhances this effect by offering relatable, experience-based endorsements that shape customer views and reduce perceived risk (Cheung & Thadani, 2012; Erkan & Evans, 2016; Lou & Yuan, 2019).
- 3. Impact on Awareness:** The repeated exposure to brand-related content on social media significantly influences individuals' preferences. Frequent engagement with brand messages enhances familiarity, trust, and a sense of connection to the brand. This aligns with the "mere exposure effect," which posits that repeated exposure to a stimulus enhances liking and preference for it. Social media engagement, including likes, shares, and comments, enhances brand attachment and loyalty over time (Solomon, 2018; Bilgin, 2018).

- 4. Impact on Impulse Purchasing:** Social media platforms effectively stimulate spontaneous consumer purchases. Visually appealing content, influencer endorsements, flash deals, and time-sensitive promotions create a sense of urgency, prompting consumers to make impulsive purchases. Incorporating e-commerce functionalities such as direct purchase links and streamlined payment methods facilitates decision-making and conserves time. Studies demonstrate that social media stimuli significantly increase consumers' inclination towards impulsive buying (Mangold & Faulds, 2009; Aragoncillo & Orús, 2018).
- 5. Post-Purchase Behavioural Influence:** Social media impacts behaviour subsequent to the purchase, in addition to its pre-purchase effects. Reviews, ratings, and social media posts serve as media through which individuals convey their experiences, satisfaction with a product, and opinions regarding it. Favourable encounters enhance a brand's image and attract new clientele, whilst adverse reviews might damage the brand's reputation. The continuous exchange of information facilitates collective learning among consumers and influences the purchasing decisions of future consumers (Hennig-Thurau *et al.*, 2004; Hajli, 2014).

In essence, social media marketing establishes a dynamic ecosystem where marketing communications impact consumers, who in turn actively influence the purchasing behaviour of others.

Factors Linking Social Media to Consumer Behaviour

Social media serves as a formidable influence on contemporary shopping behaviours. It impacts consumer purchasing by altering perceptions, attitudes, and decision-making processes in several significant ways. These criteria illustrate the connection between marketing on social media platforms and consumer responses. They are crucial for comprehending contemporary human behaviour.

- 1. Influencer Marketing:** Influencer marketing is a very effective strategy for social media promotion, leveraging the credibility and extensive reach of individuals with a significant online presence. Individuals perceive influencers' product experiences, opinions, and recommendations as more authentic and relatable than conventional advertisements. Individuals frequently place their trust in influencers due to perceptions of their expertise, appeal, or relatability. This significantly influences their perceptions and purchasing intentions. The trust inherent in these relationships renders influencer endorsements potent instruments for altering consumer perceptions of brands and purchasing decisions (Lou & Yuan, 2019; Freberg *et al.*, 2011).
- 2. User reviews:** User reviews authored by genuine individuals significantly influence behavioural changes, as they enhance the perceived credibility of products and services. Reviews provide prospective purchasers with authentic testimonials from other consumers,

aiding them in assessing the quality, performance, and reliability of a product. Favourable reviews can enhance consumer confidence and stimulate purchases, whilst unfavourable reviews may deter potential buyers. Individuals place greater trust in these reviews than in advertisements, as they perceive them to be impartial and unassociated with the company. This form of electronic word-of-mouth (e-WOM) significantly influences individuals' perceptions and their purchasing intentions (Cheung & Thadani, 2012; Filieri, 2015).

3. **Peer Influence:** Peer influence refers to the impact that friends, family, and social networks exert on individuals' purchasing decisions. Consumers frequently observe the opinions, recommendations, and consumption behaviours of their peers on social media platforms via posts, comments, and shared content. Such social connections provide individuals with a sense of social proof, influencing them through the behaviours and decisions of their network. Individuals tend to place greater trust in the opinions of acquaintances, which elucidates the significant role of peer recommendations in consumer purchasing behaviour (Hajli, 2014; Wang *et al.*, 2012).
4. **Customized advertisements:** Customised advertisements represent a significant advantage of social media marketing. Platforms employ data analytics and algorithms to tailor advertisements to individual interests, browsing history, and behaviour. This targeted strategy ensures that clients are presented with items closely aligned with their needs and desires, hence enhancing the relevance and efficacy of marketing communications. Personalized advertisements not only enhance consumer interest in purchasing but also increase the likelihood of a transaction by presenting the appropriate product to the suitable individual at the optimal moment (Dwivedi *et al.*, 2021; Bleier & Eisenbeiss, 2015).
5. **Engagement:** Likes, comments, shares, and interactions serve as metrics for assessing customer participation on social media. This type of participation is crucial for establishing brand ties. Elevated engagement levels indicate that consumers are actively participating, fostering a sense of connection between the company and its audience. Interactive communication fosters a sense of worth and acknowledgment in clients, so enhancing their loyalty and emotional attachment to the business. Visible engagement functions as social proof, influencing the perceptions of other consumers and encouraging them to explore or trust the brand (Brodie *et al.*, 2013; Dessart *et al.*, 2015).

Discussion

1. Growth of Social Media and Consumer Exposure

The rapid expansion of social media has transformed marketing by enhancing individuals' access to digital content. The global population of social media users increased from over 3.6 billion in 2020 to nearly 4.9 billion in 2023. It is projected to exceed 5.5 billion by 2027 (Statista, 2023). India currently boasts over 500 million social media users, attributed to affordable smartphones,

economic data plans, and initiatives such as Digital India (IAMAI, 2023). The digital ecosystem is highly interconnected due to extensive user engagement, resulting in frequent exposure to advertisements, brand communications, and peer-generated content.

Additionally, individuals encounter marketing more regularly as they average approximately 2.5 to 3 hours daily on screens globally (Data Report al, 2023). Continuous exposure is crucial for influencing individuals' perceptions and preferences regarding a brand, as repeated encounters with brand information enhance familiarity and memorability. The proliferation of social media has not only expanded the market but also enhanced its influence on consumer purchasing behaviour.

2. Role of Social Media Platforms in Consumer Engagement

Various social media platforms facilitate brand engagement and impact consumer buying decisions in distinct manners. YouTube is highly beneficial during the information search phase as it facilitates comprehensive product demonstrations, tutorials, and reviews. Conversely, Instagram emphasises visual storytelling and influencer-generated content, enhancing brand appeal and fostering emotional connections with consumers (Singh & Verma, 2021).

Instagram and YouTube rank among the most favoured platforms in India for discovering new products, particularly among individuals aged 18 to 35. Reels, tales, live sessions, and interactive polls are features that enhance user participation and engagement. Deloitte (2022) asserts that interactive content significantly enhances audience engagement compared to static advertisements. This level of engagement not only fosters greater consumer involvement but also strengthens the brand-customer relationship. The ability to like, comment, share, and engage directly with brands fosters a sense of community, thereby increasing the likelihood of purchase.

3. Influence of Online Reviews and Electronic Word-of-Mouth (e-WOM)

The influence of online reviews and electronic word-of-mouth (e-WOM) has emerged as a significant factor in consumer purchasing behavior in the digital era. Bright Local (2023) reports that over 80–90% of individuals consult online reviews prior to making a purchase. Cheung and Thadani (2012) emphasized that electronic word-of-mouth (e-WOM) significantly influences consumer perceptions of a product and their purchasing intentions, as it is perceived as more credible than company-generated content.

In India, e-WOM holds even greater significance due to the strong reliance on the opinions of friends and family in decision-making processes. Sharma and Kaur (2020) discovered that Indian consumers mostly rely on internet reviews and ratings for information, particularly on high-involvement products such as electronics and apparel. Positive reviews foster trust and diminish perceived risk, whilst negative reviews may deter potential purchasers.

Furthermore, platforms like as Amazon, Flipkart, and Google Reviews have institutionalized review systems, rendering them integral to consumer decision-making processes. User-generated content significantly influences brand perception and customer purchasing decisions.

4. The Role of Influencer Marketing

Influencer marketing has emerged as a prevalent strategy to modify consumer behavior. Influencers are perceived as credible and relevant individuals who shape thoughts and significantly impact the attitudes and preferences of their followers. Research indicates that over 60% of consumers are influenced by an influencer's commentary on products (Influencer Marketing Hub, 2023).

Influencer marketing has rapidly expanded in India, particularly in sectors such as fashion, beauty, fitness, and technology. Patil (2021) found that consumers often place greater faith in influencers than in traditional celebrities, perceiving influencers as authentic and connected to everyday lives. Micro-influencers exhibit elevated engagement rates and foster robust connections with niche audiences.

Furthermore, influencer-generated material frequently demonstrates practical applications of products, rendering it more persuasive and less intrusive than conventional advertisements. This form of marketing enhances brand visibility and fosters trust, hence increasing purchase likelihood.

5. The Influence of Social Media on Consumer Decision-Making

Social media significantly impacts all aspects of the consumer decision-making process, rendering it more dynamic and participatory. Individuals discover new items during the awareness phase through advertisements, influencer posts, and brand-generated content. Consumers utilize reviews, videos, and comparisons on social media to facilitate their information search.

Kotler and Keller (2016) assert that access to information is crucial in consumer decision-making processes. Social media facilitates this by providing individuals with immediate access to a diverse array of real-time information. In the evaluation phase, individuals assess ratings, reviews, and comments from others to compare alternatives. In the purchasing phase, elements such as "shop now" buttons, integrated payment systems, and tailored recommendations facilitate prompt decision-making. Social media influences consumer behaviour post-purchase.

For instance, when individuals compose reviews or share their experiences on social media, it can influence the perceptions of others regarding the product (Hennig-Thurau *et al.*, 2004). Thus, social media functions as an incessant feedback loop that impacts not only personal decisions but also the collective behaviour of consumers.

6. Impact on Impulse Purchasing Behaviour

Social media platforms have significantly increased the propensity for spontaneous purchases by facilitating the process. Flash sales, time-sensitive promotions, and targeted advertisements induce a sense of urgency and exhilaration among consumers. Research indicates that around 60–75% of consumers have made impulsive purchases due to online promotions (Verhagen & Van Dolen, 2011). High-quality imagery and videos exemplify visual information that enhances product allure and evokes emotional responses.

In India, social media advertisements for holiday sales events such as Flipkart Big Billion Days and Amazon Great Indian Festival increase the propensity for impulse purchases. Furthermore, the integration of e-commerce with social media platforms, referred to as "social commerce," has facilitated direct purchasing through applications. The simplicity of use, along with psychological stimuli such as scarcity and social validation, significantly increases impulsive purchasing behaviour.

7. Trust, Personalization, and Consumer Relationships

Consumer relationships, trust, and customisation are critical elements that enhance the efficacy of social media marketing. Individuals are more inclined to trust recommendations from acquaintances, relatives, and online evaluations than conventional advertisements (Statista, 2023). This alteration in trust dynamics underscores the necessity for authenticity in digital marketing. Personalised advertising, utilising algorithms and data analytics, presents individuals with material that is more pertinent and engaging to them. According to McKinsey (2022), tailored marketing can enhance conversion rates by 20–30%.

In India, tailored recommendations on platforms such as Amazon, Netflix, and Instagram significantly influence consumer purchasing behaviour. Furthermore, social media facilitates direct communication between brands and customers through comments, messages, and live interactions. This engagement fosters relationships, enhances customer satisfaction, and increases brand loyalty (Kumar & Singh, 2020). Ultimately, these ties foster client retention and encourage referrals.

Conclusion

In conclusion, social media marketing has emerged as a potent and essential instrument in transforming consumer purchasing behaviour in the digital era. The research clearly shows that social media influences all stages of the consumer decision-making process, from initial awareness to post-purchase evaluation. Consumers may access real-time information, compare alternatives, and enhance their purchasing decisions due to constant exposure to advertisements, influencer material, online reviews, and recommendations from peers. This has transformed traditional shopping into a more participatory, dynamic, and information-driven process.

The findings further indicate that social media platforms not only enhance awareness but also foster confidence and credibility through electronic word-of-mouth and user-generated content. Influencer marketing and tailored advertisements sustain customer engagement by providing relevant and relatable information. The integration of social media with e-commerce platforms has facilitated purchasing, resulting in both deliberate and impulsive transactions.

In India, internet usage is rapidly increasing, with a growing number of individuals utilizing digital devices. This has enhanced the efficacy of social media marketing across diverse consumer demographics, encompassing both urban and rural markets. An increasing number of individuals are using digital platforms to research merchandise, peruse reviews, and obtain recommendations. Social media has become an integral component of the purchasing process. Consequently, social media marketing transcends mere promotion; it also influences consumer behaviour. Companies that effectively utilise social media can influence consumer perceptions of their products, cultivate preferences, establish brand loyalty, and gain a competitive advantage. In an increasingly digital and competitive market, the implementation of innovative, ethical, and customer-centric social media tactics is essential for sustained success.

References

1. Bright Local. (2023). *Local consumer review survey 2023*. <https://www.brightlocal.com/research/local-consumer-review-survey/>
2. Cheung, C. M. K., & Thadani, D. R. (2012). The impact of electronic word-of-mouth communication: A literature analysis and integrative model. *Decision Support Systems*, 54(1), 461–470. <https://doi.org/10.1016/j.dss.2012.06.008>
3. DataReportal. (2023). *Digital 2023 global overview report*. <https://datareportal.com/reports/digital-2023-global-overview-report>
4. De Veirman, M., Cauberghe, V., & Hudders, L. (2017). Marketing through Instagram influencers: The impact of number of followers and product divergence on brand attitude. *International Journal of Advertising*, 36(5), 798–828. <https://doi.org/10.1080/02650487.2017.1348035>
5. Deloitte. (2022). *Digital media trends survey*. <https://www2.deloitte.com>
6. Hennig-Thurau, T., Gwinner, K. P., Walsh, G., & Gremler, D. D. (2004). Electronic word-of-mouth via consumer-opinion platforms: What motivates consumers to articulate themselves on the Internet? *Journal of Interactive Marketing*, 18(1), 38–52. <https://doi.org/10.1002/dir.10073>
7. IAMAI. (2023). *Internet in India report 2023*. <https://www.iamai.in>
8. Influencer Marketing Hub. (2023). *The state of influencer marketing 2023*. <https://influencermarketinghub.com>

9. Kaplan, A. M., & Haenlein, M. (2010). Users of the world, unite! The challenges and opportunities of social media. *Business Horizons*, 53(1), 59–68.
<https://doi.org/10.1016/j.bushor.2009.09.003>
10. Kotler, P., & Keller, K. L. (2016). *Marketing management* (15th ed.). Pearson.
11. Kumar, V., & Singh, A. (2020). Role of social media in building customer relationships in India. *International Journal of Business and Management Studies*, 12(2), 45–60.
12. Mangold, W. G., & Faulds, D. J. (2009). Social media: The new hybrid element of the promotion mix. *Business Horizons*, 52(4), 357–365.
<https://doi.org/10.1016/j.bushor.2009.03.002>
13. McKinsey & Company. (2022). *The value of getting personalization right*.
<https://www.mckinsey.com>
14. Patil, P. (2021). Influence of social media influencers on consumer buying behaviour in India. *Journal of Marketing Research and Studies*, 8(1), 25–34.
15. Schiffman, L. G., & Wisenblit, J. (2019). *Consumer behavior* (12th ed.). Pearson.
16. Sharma, S., & Kaur, G. (2020). Impact of social media advertising on consumer buying behaviour in India. *International Journal of Research in Marketing*, 5(3), 12–20.
17. Singh, R., & Verma, P. (2021). Social media marketing and consumer engagement: Evidence from India. *Journal of Digital Marketing*, 6(2), 78–89.
18. Statista. (2023). *Number of social media users worldwide from 2010 to 2023*.
<https://www.statista.com>
19. Verhagen, T., & Van Dolen, W. (2011). The influence of online store beliefs on consumer online impulse buying. *Information & Management*, 48(8), 320–327.
<https://doi.org/10.1016/j.im.2011.08.001>

INDIAN BANKING SYSTEM: STRUCTURE AND FUNCTIONS

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Bank is defined as an institution for the custody of money which it pays out on customers order. Banking system we mean the process of lending and borrowing of funds from the public. Earlier times, this business was carried out by the rich people like traders, lenders and land –lord’s tec. This system of banking is known as indigenous banking institution. The main advantage of these indigenous bank institutions was that firstly funds are readily available in an adequate amount and at the proper time. These types of banking institution continued their business and were dominated the process of borrowing and lending upon the public.

In countries like India where there is an absence of net banking branches especially in the rural areas, these institutions are the most important banking institutions. The most important pitfall of these institution were that of first they discharge very high interest rate; second, these institutions were interested in keeping their funds busy and they did not encourage the farmers to repay back their loan; and lastly, with the operation of these institutions, the farmers had been reduced to landless labourers.

Structure of Indian Banking System: There are two sectors.

- I. Organised Sector
- II. Un-organised Sector

I. Organised Sector: It consists of

- i) Commercial Bank
- ii) Reserve Bank of India (apex body of General Banking)
- iii) NABARD (apex body of Agricultural Banking)
- iv) Cooperative credit/ banking system:

II. Un-Organised Sectors: It is of two categories, one which is operated in town and city and is known as Indigenous bankers and the other which is operated in villages by the money lenders.

Commercial Banking in India: Commercial banking in India is classified into schedule and non-scheduled banks. Schedule banks are those banks which have a paid-up capital (actual amount of capital that share holders have subscribe) of Rs. Five lacs or more and are put on the schedule of reserve bank. It is of two types viz. Nationalised banks and non-nationalised bank. Nationalised banks are those banks which have been nationalised by the Government of India and their loaning policy is controlled by the reserve bank while, all those banks which are owned privately and are in private hands are called non-nationalised banks. On the other hand, all those

banks which have a paid –up capital of less than Rs. Five lacs are called non-scheduled bank. Commercial banks are the most common and important types of banking institutions. They carry on the general banking business of accepting deposits and advancing loans. Commercial banks may be owned by the government or they may be run in the private sector. For instance, twenty major commercial banks were nationalised with effect from March, 1980 in India. Other private sector banks were organised on the lines of Joint Stock Company. The important functions of commercial banks are given here under:

- a. To mobilize the saving in the economy.
- b. To open branches in the potential areas of the country and divert the funds for productive purposes.
- c. To lend the money at cheaper rate to agriculture, industries and other economic activities.
- d. It helps the government in adopting successful monetary and fiscal policy.
- e. To create credit and help the government in overall economic development.
- f. These institutions promote the banking habits among the rural people by opening more and more branches.

Nationalised Banks in India: In the wake of our nation’s independence, a multitude of banks emerged with the primary aim of addressing the economic aspirations and needs of our citizens. These banks, in their pivotal role within our economy, are entrusted with the crucial responsibility of managing our finances. They not only provide a vital guarantee for safeguarding our money but also offer interest on our deposits. Additionally, banks play a pivotal role in extending financial support to individuals, institutions, and businesses for a diverse range of personal and commercial activities. As a result, banks exert a direct and substantial influence on various facets of our lives.

Motive of Bank Nationalisation: The main aim behind bank nationalisation are to prevent the concentration of wealth which the banking sector has been promoting in the past; to ensure adequate flow of credit to the neglected and weaker section of the society; to provide adequate banking facilities particularly in the rural areas; and to reduce regional imbalances and economic disparity in the country.

In July 19, 1969, fourteen major banks were nationalised by the then Government of India. These were as under:

- a. Allahabad Bank (Calcutta)
- b. Baroda Bank (Baroda)
- c. Bank of India (Bombay)
- d. Bank of Maharashtra (Puna)
- e. Canara Bank (Bangalore)
- f. Central Bank of India (Bombay)

- g. Dena Bank
- h. Indian Bank (Madras)
- i. Indian Over-seas Bank (Madras)
- j. Punjab National Bank (New Delhi)
- k. Syndicate Bank (Karnataka)
- l. Union Bank of India (Bombay)
- m. United Bank of India (Calcutta)
- n. United Commercial Bank (Calcutta)

In addition to these nationalised banks, six more banks were nationalised by the Government of India with effect from 14th March, 1980. These were

- a. Andhra Bank (Hyderabad)
- b. Corporation Bank (Mangalore)
- c. New Bank of India (New Delhi)
- d. Punjab and Sindh Bank (New Delhi)
- e. Oriental Bank of Commerce (New Delhi)
- f. Vijay Bank (Bangalore)

At the present juncture and with the formation of Modi's Government in May, 2014 at the centre, since then it has been of late, there are only twelve government banks or public sector banks as Modi government took initiative to merge some of 20 nationalised banks as per the present days need. Government banks also called public sector banks (PSBs) are the financial institutions in which the Government of India holds the majority of shares, typically more than 51 per cent. While they are not under the direct control of the government, the government is the primary stakeholder in these banks. Here is the list of these 12 Nationalised banks:

- a. Bank of Baroda
- b. Bank of India
- c. Bank of Maharashtra
- d. Canara Bank (With merger of Syndicate Bank)
- e. Central Bank of India
- f. Indian Bank (With merger of Allahabad Bank)
- g. Indian Overseas Bank
- h. Punjab & Sindh Bank
- i. Punjab National Bank (With the merger of Oriental Bank of Commerce and United Bank of India)
- j. State Bank of India
- k. UCO Bank
- l. Union Bank of India (With the merger of Andhra Bank and Corporation Bank)

m. Difference between Nationalised and Private Banks

Parameter	Nationalised Banks	Private Banks
Ownership	Majority stake owned by GOI	Majority stake owned by private entities or individuals
Objective	Serve public interest, financial inclusion, and economic development	Focus on profitability, customer experience, and innovation
Customer Trust	High level of trust due to government backing	Gaining trust through service quality and efficiency
Interest Rates	Generally, offer lower interest rates on loans and higher rates on deposits	May offer competitive rates based on market strategy
Service & Technology	Slower adoption of new technology, though improving	Faster in adopting latest technologies and digital banking
Loan Approval Process	Slower due to extensive documentation and strict verification	Faster processing with streamlined procedures
Job Security for Employees	High, with most employees considered government staff	Comparatively lower job security
Branch Network	Extensive presence in rural and semi-urban areas	Strong presence in urban and metro cities
Example Banks	Punjab National Bank, SBI, Bank of Baroda, Canara Bank	HDFC Bank, ICICI Bank, Axis Bank, Kotak Mahindra Bank

n. **Note:** ICICI: Industrial, Credit, and Investment Corporation of India; HDFC: Hindustan Development Finance Corporation; SBI: State Bank of India.

State Bank of India: State Bank of India was earlier known as imperial bank of India which was set up in 1921, with the collaboration of three presidency banks of Bombay, Madras and Calcutta. It was nationalised on July 1st, 1955 and was renamed as State Bank of India. The head quarter of SBI is located at Bombay. In the recent past, SBI had seven subsidiary banks namely, State Bank of Bikaner and Jaipur; State Bank of Hyderabad; State Bank of Mysore; State Bank of Patiala; State Bank of Saustra; State Bank of Travancore; and State Bank of Indore. In addition to RBI, there are about 1227 share holders who hold about 8 per cent of the paid-up capital of State Bank. The important functions of State Bank of India are as under:

- a. Branch expansion in the country.
- b. Lending to priority sector like agriculture and rural industry.
- c. It gives aid to cooperative institutions
- d. It finances for foreign trade.
- e. It is an agent to RBI.

f. It controls over the business of other banks.

Industrial Banks: Industrial banks refer to those financial institutions which provide finance to industry on a long term basis. Indian Finance Corporation (IFC) or an Investment Corporation of India (ICI) is the examples of Industrial banks in our country.

Agricultural Banks: These banks give loan for agricultural purposes such as for the purchase of seed, fertilizers, implements etc. They charge concessional rate of interest. In India, we have cooperative banks and land mortgage banks for this purpose. In the recent past, Regional Rural Banks have been set up to help agricultural development through an adequate supply of finance. NABARD (National Bank for Agriculture and Rural Development) is the apex body of the agricultural banks which was set up in 1982 with its head quarter at Bombay.

Exchange Banks: Exchange banks are those bank which deals in foreign exchange. India dealing in foreign exchange is conducted by foreign exchange bank as well as Indian commercial banks. Exchange rate is the value of one nation currency in terms of others.

Saving Banks: The major aim of these institutions is to promote saving of the middle income group of the society. In India, Postal Saving Banks are the good example of such banks.

Reserve Bank of India/ Central Bank: A central bank is central to the whole banking system. It is an apex institution and generally there is a central bank in every country. The main function of central bank is to regulate and supervise the whole banking system. It controls and regulates the currency and perform the other essential functions to achieve a rapid rate of development.

At present, there is no country in the world which has not set up a central bank of its own. A central bank is so called because it occupies a central pivotal position in the monetary and banking system of the country and is the highest financial authority.

The RBI which is the central bank of the country was established on 1st April, 1935. The bank was nationalised in 1949. The management of RBI vests with a central board of director of twenty members. The Governor; four Deputy Governors and 15 others are nominated by the government. RBI is the leader of the banking system and it control all the banking and financial operations in the country. The important functions of RBI's are given here under:

- a. Bank of issue.
- b. Bankers, agent and advisor to the government.
- c. As a custodian of cash reserve of the commercial bank.
- d. As a custodian of nation's reserve of international currency.
- e. Bank of rediscount and lenders of last resort.
- f. As a bank of central clearance, settlement and transfer.
- g. As a controller of credit.

Apart from these functions, the central bank also maintain relationship among international banks such as International Monetary Fund's (IMF), World Bank (IBRD), Asian Development Banks (ADB) and other international financial institutions when the needs arise.

Difference between Central Bank and Commercial Bank:

- a. Commercial bank is run for profit but, the central bank is set up for public services rather than saving.
- b. The central bank does not compete with commercial banks. But, on the other hand, it act as a banker's bank and the lender of last resort.
- c. Unlike the commercial banks, the central bank does not directly deal with the public. Normally, it does not accept deposits from the public nor does it pay interest on such deposits.
- d. A central bank is normally a state an institution whereas, commercial banks are generally privately owned.
- e. A central bank acts as the custodian on the cash reserve of commercial banks.
- f. A central bank acts as a custodian of nation's reserve of international currency.

Lead Bank Scheme: This scheme was introduced in 1969 by RBI on the recommendation of National Credit Council under the chairmanship of Prof. D.R. Gadgil. The specific function of lead bank scheme is as under:

- a. To serve the resource and potential for banking development in various district of the country.
- b. To serve the number of industrial, commercial and other establishments.
- c. To examine the market facilities, storage, and warehousing etc.
- d. To serve the facilities for storing fertilizers and other agricultural inputs.
- e. To assist the primary lending agency.
- f. To maintain contact and liaison with the government agencies for economic development.

Under lead bank scheme, for each district a lead bank is identified which coordinate the banking operation and prepare a credit plan and norms to finance various activities. For example, Lead bank for Chamba is SBI and lead bank for Kangra is PNB.

Taccavi Loan: These are the loan given by the government at the time of flood, distress particularly during famine, drought or natural calamity. These loans can be of kind or cash, implicit or explicit. These are the long term loan. The recovery is very simple and easy which is paid in instalment over a long period of time. Rate of interest is very-very low.

Regional Rural Bank: Regional Rural Bank in Himachal Pradesh is commonly known as "Garmin Bank". Full concept of RRB's came into being from 1976. Objectives of RRB are to extend credit to the weaker section in rural areas. These banks were developed in remote areas of the country to mobilise deposits and finance viable and productive projects in the area in order to

carry out the overall economic development. During 1989, there were 196 RRBs with a branch net work of about 14,000 in the country. In Himachal, there were two RRBs. “Gramin Bank” in Kangra, Kullu, and Mandi while, “Parvatia Gramin Bank” in Chamba district. 90 per cent of the credit is given to priority sector for productive purposes. RRB’s enjoy certain concessions given by the NABARD or state government. These concessions are:

- a. They can give 0.5 % higher rate of deposits than commercial banks.
- b. They get interest free cash overdue from the sponsoring banks.
- c. They are exempted from maintaining SLR/CDR.
- d. Cash Reserve Ratio (CRR) is very low.
- e. NABARD or sponsoring bank accepts the deposit from RRB’s and gives interest on their deposits.

The finance or the capital is met by central government, state government and sponsoring bank in the ratio of 50: 15:35. “Parvatia Gramin Bank” is sponsored by SBI in Chamba district.

National Bank for Agricultural and Rural Development (NABARD): Agricultural Refinance and Development Corporation (ARDC) was instituted in 1963 as an affiliated body of RRB to watch the agricultural credit in the country. It was responsible for providing refinance to the financial institution and to provide loan to create infra-structure in the area.

NABARD came into being in 12th July, 1980. Its head quarter is at Bombay. This body is parallel to RRB’s. NABARD is still under the control of RRB’s and central government. It is managed by the board of director and there is a chairman who is appointed by the Government of India. The important functions of NABARD are given here under:

- a. To serve as refinancing institution for all types of loan in agriculture, small scale industries and rural artisans/handicraft etc.
- b. To provide long term credit to state government to enable them to subscribe share capital in the cooperative.
- c. To provide short-, medium- and long-term loans to state cooperative banks, RRB’s, Land Development Banks (LDB’s) and other financial institutions.
- d. It has the responsibility of co-ordinating the activities of central/ state government, planning commission entrusted with the task of rural development.
- e. It advises the government to frame financial policy for agricultural development. It issues guidelines and direction to financial institutions regarding loaning policy in agriculture and enforce their implementation.
- f. It has the responsibility to inspect and supervise RRB’s and other cooperative banks.
- g. It maintains research and development funds (R&D) to promote research in agriculture and rural development.

Sources of Funds for NABARD: NABARD gets funds through the following:

- a. Bonds and debenture.
- b. Borrowing from RRB.
- c. Borrowing from central government.
- d. Excepting the deposits of RRB's; cooperatives; state government; and other financial institutions.
- e. Gift benefit and other beneficinations received from central government or USAID etc.

Board of Directors of NABARD: There is a chairman appointed by the Government of India for the term of five years; director; and managing director.

- Two directors are appointed who are expert in agriculture and rural development.
- Two directors will be nominated by the state government.
- Three directors are appointed who have a vast experience of working in co-operative banks (2) and commercial bank (1).
- Three directors are appointed out of the directors of RBI.
- Three directors are appointed by the government which will be the official of the government.

Cooperative Credit/Banking Structure in India: it consists of two types:

1. Agricultural credit society: these are further of two types:

A. Short- and medium-term society- it has three tier structures

- (a) State Cooperative Bank
- (b) Central Cooperative Bank – it is again divided into two parts:
 - Primary Agricultural Cooperative Society (PACS)
 - Grain Bank

B. Long-term Society- it has two tier structures

- (a) Central Land Mortgage Bank
- (b) Primary Land Development Bank

2. Non-agricultural Credit Society: these are also of two types:

A. Cooperative Bank – it has three tier structures

- (a) State Cooperative Bank
- (b) Central Cooperative Bank
- (c) Primary Non-agricultural Credit Society- it is again divided into two parts:
 - Employers cooperative Credit Society
 - Urban Cooperative bank

B. Industrial Cooperative Units: it has two tier structures:

- (a) State Industrial Cooperative Bank
- (b) Central Industrial Banks

Agricultural Credit Society: This has a three-tier structure with state cooperative bank as the apex body followed by central cooperative bank and at the grass-root level there is primary agricultural credit society.

Primary Agricultural Credit Society: These constitute the largest number. They have a restricted area of operation, unlimited liabilities and permanent indivisible reserve fund. The important functions of such societies are given below:

- a. To associate with the programme of agricultural production.
- b. To lend the adequate amount of credit to members for agriculture as well as for consumption.
- c. Maximum credit limit (MCL) depends upon the capacity with the cooperative society.
- d. To borrow from central cooperative bank.
- e. To mobilise local saving.
- f. To distribute fertilizers, seeds, pesticides, and agricultural implements on own behalf or on the behalf of the government or some agent.
- g. To supervise the use of loan.
- h. To supply common consumer goods.
- i. To collect and store the produce on behalf of the marketing societies and government.
- j. To associate with the programme of economic and social welfare in the village.

Loaning Policy: They extend short- and medium-term loans to its members. The short- term loan should be given on personal security and medium –term loan on statutory charge on land. The rate of interest depends on the loaning policy contemplated by the NABARD.

In the recent past, there were about 92,000 PACS in the country with a total credit of Rs. 3340 crores. However, there are certain problems in PACS and these are:

- Uneven and unplanned progress.
- Misuse of loan.
- Inadequate deposits due to poverty in rural areas.
- High over -dues.
- Inadequate credit.
- Large number of dormant and unviable societies.

In order to improve its functioning, there is a need for:

- Recapitalisation or liquidation of parasitic societies.
- Better credit recovery system.
- Training to members.
- Proper coordination and supervision.

Grain Bank: These are the special types of credit societies found in Andhra Pradesh, Maharashtra, Orissa, and Bihar. The objective is to provide kind loan to the members at the time of low production. The recovery is very simple. After one year, sawai is charged along with the original quantity of grains. In the recent past, there were about 10,000 grain banks in the country.

Central Cooperative Bank: This is the middle tier structure of the co-operative credit structure and act as a connecting link or intermediary between PACS and state cooperative bank and money market. The important functions are as under:

- a. To meet the credit requirement of PACS.
- b. To undertake ordinary commercial banking.
- c. Act as a balancing centre for PACS.
- d. To undertake non-credit activity like supply of seed, raw material and consumer goods.
- e. To provide leadership to PACS.
- f. Supervise and inspect and a safe place for the investment of sources of PACS.

Area of Operation: Area of operation is a district or a taluka or a town.

Loaning Policy: Loan is generally advanced to PACS for financing agricultural activity. Central cooperative bank generally vested with the board of director consisting of 12-15 members to supervise the PACS. Generally, one supervisor is after 20 PACS and one senior supervisor is after 80 supervisors. In the recent past, there were about 350 central cooperative banks in the country.

State Cooperative Bank: This is an apex body at the state level which works as a final link in the chain between the small and scattered PACS and central cooperative banks and apex national bank on the other hand. Followings are the functions of State Cooperative Bank.:

- a. Act as a banker's bank to CCB's in the district.
- b. Co-ordinate their own policy with the national co-operative movement of the government.
- c. Form as a connecting link between the co-operative credit society and the commercial banks and RBI.
- d. Formulate and execute uniform credit policy.
- e. Act as a clearing house (to clear the bills) for CCB's, LDB, and PACS.

Area of Operation: The area of operation is generally a whole state. The sources of funds are the deposits from the public or CCB's or PACS and borrowing from RBI and SBI.

Loaning Policy: Agricultural credit is given top priority. The loans are provided to PACS through CCB's or directly.

Land Development Bank: Land development bank are the institution which provide long term finance to farmers and provide finance for the repayment of old debt, purchase of land, and for land improvement. The period of loan may be for 10-20 years. It has a two tier structure with a

central land mortgage bank as the apex body and primary land development bank. Its functions are as under:

- a. To grant loan to primary land development bank (PLDB).
- b. To float debenture or share to raise the funds.
- c. To establish branches of new PLDB.
- d. To supervise and inspect PLDB.

Area of Operation: Area of operation of Central land development bank is a district or a region and that of PLDB is district or a group of taluka's.

Loaning Policy: Central land development bank (CLDB) provides 70 % of their loan for productive purposes. The amount of loan that a member can get varies from 10,000 to 50,000 or even more. The loans are generally given on the mortgage of land.

The land development banks are not making considerable progress. The majority of the farmers may not even to know their existence. In 1983-84, there were only 1,170 LDB's in the country.

Weaknesses:

- High over dues
- Biased towards landlord.
- Inadequate funds.
- Formalities and delay in granting loan.
- Non-viable units.
- Lack of proper management.

International Financial Institutions

International Monetary Fund (IMF): IMF was established in 1944 at Breetton Woods conference along with World Bank (WB) both known as Breetton Woods Twins. Its head quarter is at Washington, D.C. IMF established for promoting international economic stability by promoting and helping the expansion of international trade. The fund is a pool of central bank reserves and national currencies which are made available to member countries with certain condition.

Purpose of IMF:

The primary goal of the International Monetary Fund (IMF) is to ensure the stability of the international monetary system—the system of exchange rates and international payments that enables countries to buy goods and services from one another. Established in 1944, it aims to foster global monetary cooperation, secure financial stability, facilitate international trade, promote high employment and sustainable economic growth, and reduce poverty around the world.

Key Objectives and Functions

- **Monetary Cooperation:** To provide a permanent institution for consultation and collaboration on international monetary problems.
- **Exchange Rate Stability:** To promote exchange stability and maintain orderly exchange arrangements among members.
- **Facilitating Trade:** To facilitate the expansion and balanced growth of international trade, contributing to high levels of employment and real income.
- **Balance of Payments Assistance:** To help member countries experiencing temporary balance-of-payments problems by providing financial assistance, allowing them to correct adjustments without resorting to measures that harm national or international prosperity.
- **Technical Assistance:** To provide policy advice and training to help nations build sustainable economies.

The IMF was created to prevent a repeat of the competitive exchange rate devaluations that contributed to the Great Depression of the 1930s. Today, it focuses on economic surveillance and crisis prevention in its 191 member countries.

International Bank for Reconstruction and Development (IBRD) also known as World Bank (WB): The World Bank was born at the same time when IMF was born in 1944 during world war-II. Its head quarter is at Washington, D.C. The economics of all the countries were shattered while the need was recognized to reconstruct the war damages. The need was then felt to develop the economics of these countries. Hence, IBRD was born. Its main aim is to help the member nations in reconstruction and development of their economy.

The World Bank is an international financial institution providing loans, grants, and technical assistance to developing nations to reduce poverty, fund infrastructure (dams, roads), and foster economic growth. Established in 1944, it also offers policy advice and aids in crises. Key criticisms include the imposition of stringent neoliberal structural adjustment programs (SAPs), disproportionate influence of wealthy nations in governance, and financing projects with severe environmental or social drawbacks.

Core Functions of the World Bank Group

- **Financial Assistance:** Provides low-interest or interest-free loans (IDA) and grants to low-income countries, and loans to middle-income countries (IBRD).
- **Infrastructure & Development Projects:** Finances large-scale projects like irrigation, energy, education, and health to boost economic development.
- **Technical Assistance & Policy Advice:** Offers expertise to help governments improve governance, economic policy, and sector-specific strategies.

- **Private Sector Development:** Through the International Finance Corporation (IFC) and MIGA, the bank supports private enterprise growth and manages investment risk in developing nations.

Key Criticisms and Challenges

- **Governance Structure:** Critics argue the institution is dominated by wealthy nations (particularly the U.S.), limiting the voice and decision-making power of developing nations.
- **Structural Adjustment Programs (SAPs):** Loans in the 1980s/90s were often tied to conditions like privatization and subsidy cuts, which were blamed for increasing poverty and harming social welfare.
- **Environmental & Social Impact:** The bank has been criticized for funding large "mega-projects" (e.g., dams) that cause significant environmental damage or displace local communities.
- **Focus on Growth Models:** Some argue its focus on a growth-based model overlooks long-term sustainability, including the financing of some fossil fuel projects, although it is increasingly pivoting toward climate-friendly investments.

Key Institution Involved

The World Bank Group consists of five institutions:

1. **International Bank for Reconstruction and Development (IBRD):** Loans to middle-income governments.
2. **International Development Association (IDA):** It gives loans/grants to poorest countries. IDA was set up in 1959 with the proposal of World Bank & USA. IDA is affiliated to World Bank and has been set up to give loans on liberal terms to underdeveloped countries. It was set up in 1960. The main function of IDA is to provide development finance to developing and underdeveloped countries on concessional term and thereby help these countries in achieving higher level of per capita income. The main sector benefitted from this credit has been agriculture and irrigation.
3. **International Finance Corporation (IFC):** Private sector investment. This is also affiliated to World Bank. IFC is also open to all countries which are the members of World Bank.
4. **Multilateral Investment Guarantee Agency (MIGA):** Risk insurance. The Multilateral Investment Guarantee Agency (MIGA) is an international financial institution which offers political risk insurance and credit enhancement guarantees. Such guarantees help investors to protect foreign direct investment against political and non-commercial risks in developing countries. MIGA is a member of the World Bank Group and its head quartered in Washington, D.C. (U.S.A.). It was established in 1988 as an investment insurance facility to encourage confident investment in developing countries. MIGA's stated mission is "to

promote foreign direct investment into developing countries to support economic growth, reduce poverty, and improve people's lives”.

5. International Centre for Settlement of Investment Disputes (ICSID): Dispute arbitration. The International Centre for Settlement of Investment Disputes (ICSID) is an international arbitration institution which facilitates legal dispute resolution and conciliation between international investors. The ICSID is a member of the World Bank Group, from which it receives funding, and is headquartered in Washington, D.C., in the United States. It was established in 1966 as an autonomous, multilateral specialized institution to encourage international flow of investment and mitigate non-commercial risks by a treaty drafted by the IBRD's directors and signed by the member countries.

Asian Development Bank (ADB): The Asian Development Bank started its operation in December, 1966 at Manila (Philippines). It is a regional institution which aims at fostering the economic development of the countries of Asia and Far East.

New Development Bank (NDB): New Development Bank (NDB) formerly referred to as the BRICS Development Bank, is a multilateral development bank established by the states (Brazil, Russia, India, China and South Africa). According to the Agreement on the NDB, “the Bank shall support public or private projects through loans, guarantees, equity participation and other financial instruments.” Moreover, the NDB “shall cooperate with international organization and other financial entities, and provide technical assistance for projects to be supported by the Bank “. NDB is currently headquartered in Shanghai, China. The first regional office of the NDB is in Johannesburg, South Africa.

REFERENCES:

1. Hajela, T. N. (2010). *Money, banking, international trade and public finance* (18th ed.). Ane Books Pvt. Ltd.
2. Gomez, C. (2018). *Banking and finance: Theory, law and practice* (3rd ed.). PHI Learning Pvt. Ltd.
3. Nakkiran, S. (2002). *Co-operative banking in India*. Rainbow Publications.
4. Sharma, M. L. (2005). *Cooperative banking in India: Principles and practices*. Deep & Deep Publications.
5. Indian Institute of Banking and Finance. (2015). *Co-operative banking*. Macmillan India Ltd.
6. Singh, B. (2008). *Principles and practice of co-operative banking in India*. Kalyani Publishers.
7. Joshi, R. M. (2014). *International economics* (2nd ed.). Oxford University Press.
8. Cherunilam, F. (2020). *International economics* (6th ed.). McGraw Hill Education.

**MENTAL HEALTH AWARENESS AMONG YOUNG ADULTS:
A PSYCHOLOGICAL ANALYSIS OF KNOWLEDGE,
MISCONCEPTIONS AND INSTITUTIONAL GAPS**

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Introduction

1. Why Mental Health Awareness Matters Today

Mental health is no longer a peripheral concern—it sits at the centre of how individuals function, relate, and perform in modern society. From a psychological perspective, mental health encompasses emotional regulation, cognitive functioning, behavioural responses, and social adaptability. It influences how individuals interpret their environment, make decisions, and cope with stress.

Among young adults, particularly college students, this becomes even more critical. This phase represents a transition marked by identity formation, increasing independence, and exposure to academic and social demands. While it is a period of growth, it is also a period of vulnerability.

In recent years, there has been a visible rise in conversations around mental health. However, awareness does not always translate into accurate understanding. This gap between perceived awareness and actual knowledge forms the central concern of this chapter.

2. A Psychological View of Mental Health in Young Adults

From a psychological standpoint, mental health is shaped by an interaction of:

- **Cognitive factors** (beliefs, perceptions, self-concept)
- **Emotional processes** (stress, anxiety, mood regulation)
- **Behavioural patterns** (coping strategies, help-seeking behaviour)
- **Social influences** (family expectations, peer comparison, cultural norms)

In the Indian context, these factors operate within a highly competitive and socially structured environment. Academic performance is often closely tied to identity and self-worth, making failure or uncertainty psychologically distressing.

Additionally, stigma surrounding mental health continues to influence behaviour. Many students recognize distress but hesitate to seek help, reflecting a disconnect between awareness and action—a key psychological phenomenon.

3. Mental Health Challenges in the Indian Student Context

Empirical evidence indicates that a significant proportion of college students in India experience:

- Anxiety
- Depression
- Academic stress
- Emotional burnout

The contributing factors are multi-layered:

a. Academic Pressure: High-stakes examinations and performance expectations create chronic stress. From a psychological lens, this often leads to performance anxiety and fear-based motivation, which are unsustainable in the long run.

b. Career Uncertainty: Unpredictable job markets trigger future-oriented anxiety, affecting decision-making and emotional stability.

c. Family and Social Expectations: Cultural emphasis on success and comparison fosters external validation dependence, reducing psychological resilience.

d. Digital and Social Media Influence: Constant comparison and curated realities contribute to:

- Low self-esteem
- Social anxiety
- Cognitive distortions (e.g., “everyone else is doing better”)

4. Assessing Mental Health Awareness: A Quiz-Based Approach

To understand how young adults conceptualize mental health, a Mental Health Awareness Quiz among undergraduate college student was conducted with 180 participants.

Key Findings

- Average score: 12.55 out of 20
- Indicates moderate awareness, but not depth
- Wide variation in scores → uneven knowledge distribution

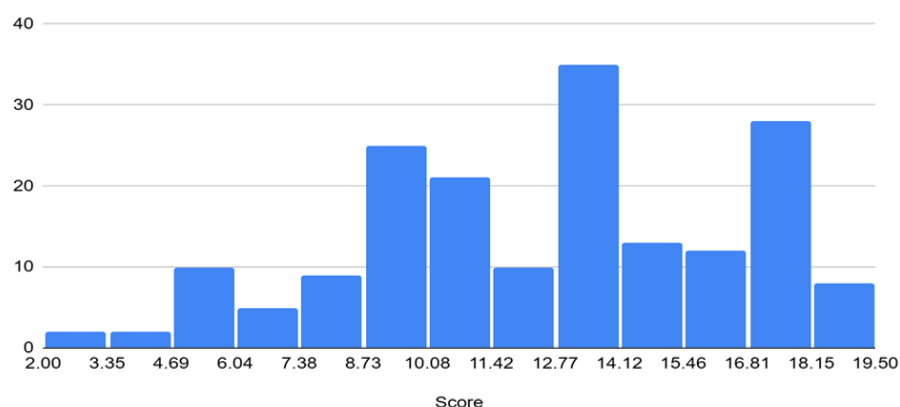


Figure 1 : Wide variation in scores of participants on the mental health quiz

From a psychological perspective, this suggests:

Awareness exists at a surface level, but lacks conceptual clarity and accuracy

5. The Psychology of Misconceptions

One of the most insightful outcomes of the assessment was not the scores themselves, but the pattern of errors.

a. Misidentifying Common Disorders

Many participants identified depression as the most common disorder instead of anxiety disorders. This reflects:

- Availability heuristic (judging based on what is more visible in media)
- Overexposure to certain narratives shaping belief systems

b. Errors in Global Mental Health Knowledge

Participants struggled with identifying countries with higher depression rates.

Indicates:

- Reliance on assumptions over data
- Lack of mental health literacy beyond local narratives

Psychological Insight

These patterns reveal that:

- Knowledge is often intuitive, not evidence-based
- Awareness is shaped by media and perception, not education

6. Awareness vs Understanding: The Critical Gap

A key psychological distinction emerges here:

Awareness	Understanding
Knowing terms	Knowing concepts
Influenced by media	Based on knowledge
Surface-level	Deep, analytical

Most participants fell into the “aware but not informed” category.

This gap has serious implications:

- Delayed help-seeking
- Reinforcement of stigma
- Poor peer support

7. Institutional and Systemic Gaps

From a broader humanities and management perspective, the issue extends beyond individuals to institutions.

Challenges

- Limited access to trained counselors
- Inconsistent implementation of mental health programs
- Lack of structured mental health education

Although policy bodies recommend support systems, the execution gap remains significant.

8. Implications for Education and Management Systems

Mental health is not just a psychological issue—it is also an organizational and systemic concern.

For Educational Institutions

- Integrate mental health literacy into curriculum
- Promote peer support models
- Normalize help-seeking behaviour

For Management and Policy

Recognize mental health as linked to:

- Productivity
- Retention
- Performance
- Develop preventive frameworks, not just reactive support

9. Moving Forward: A Psychological and Practical Approach

Addressing mental health awareness requires:

a. Cognitive-Level Interventions

- Correct misconceptions
- Improve data-based understanding

b. Behavioural-Level Interventions

- Encourage help-seeking
- Build coping strategies

c. Social-Level Interventions

- Reduce stigma
- Foster open dialogue

Conclusion

Mental health awareness among young adults is growing—but it is uneven, incomplete, and often misunderstood.

From a psychological perspective, the challenge is not just increasing awareness, but:

Transforming awareness into accurate understanding and meaningful action

The findings from the quiz-based assessment highlight a critical need for structured, evidence-based mental health education within academic institutions.

As we move toward more inclusive and human-centered systems in education and management, mental health must be positioned not as an optional concern, but as a core component of individual and societal well-being.

References

1. World Health Organization. (2022). *World mental health report: Transforming mental health for all*. World Health Organization.
2. National Institute of Mental Health. (2023). *Mental illness*.
<https://www.nimh.nih.gov/health/statistics/mental-illness>
3. Gulliver, A., Griffiths, K. M., & Christensen, H. (2010). Perceived barriers and facilitators to mental health help-seeking in young people: A systematic review. *BMC Psychiatry, 10*, 113. <https://doi.org/10.1186/1471-244X-10-113>
4. Jorm, A. F. (2012). Mental health literacy: Empowering the community to take action for better mental health. *American Psychologist, 67*(3), 231–243.
<https://doi.org/10.1037/a0025957>
5. Rickwood, D., Deane, F. P., Wilson, C. J., & Ciarrochi, J. (2005). Young people's help-seeking for mental health problems. *Australian e-Journal for the Advancement of Mental Health, 4*(3), 218–251. <https://doi.org/10.5172/jamh.4.3.218>
6. Eisenberg, D., Golberstein, E., & Hunt, J. B. (2009). Mental health and academic success in college. *The B.E. Journal of Economic Analysis & Policy, 9*(1), 1–35.
<https://doi.org/10.2202/1935-1682.2191>

CONSUMER PERCEPTION ON E-BANKING IN INDIA

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Abstract

The Indian economy is fast going digital, as a result of the Digital India program, and transition to a cashless society, which has changed the consumer-financial institution relationship. The current paper will analyze the complex consumer attitude towards E-banking services in India. It lives on the most important motives that encourage adoption, usage patterns and user satisfaction. As the traditional banking turns out to be a backup, one needs to know about the psychological and behavioral change of the Indian consumers as far as the banking industry is concerned. The analysis of the study is based on the one that switches back and forth between the positive and negative consumer attitudes. On the one hand, the aspects like 24/7 availability, convenience, and time saving are driving forces towards adoption. Customers are becoming more and more conscious of the fact that they are not bound by the location to engage in frequent transactions, like paying bills, transferring and checking funds, and monitoring their accounts. On the other hand, considerable obstacles still exist. Perceived security threat and technological anxiety are major impediments in this study. Though it is very convenient, many people are afraid due to cyber-fraud, phishing, and inability to help each other in the virtual world. The role of digital literacy and trust in institutions is one of the key themes of this paper. The results of the surveys conducted on a wide range of Indian consumers show that the risks of the digital services of a financial brand perceived are much lower when the brand is trusted. However, there seems to be a usage gap between urban and semi-urban communities that are often enlightened by the levels of digital literacy. The results show that younger generations consider the user interface and speed more important, whereas older generations attach more importance to security precautions and personal assistance. Conclusively, the study reveals that though adoption levels are on the rise, long term retention is dependent on enhancing the association between security and trust. The banks must make huge investments in the consumer education programs to close the digital literacy gap. Moreover, developing digital platforms, making them convenient, and seemingly secure, banks will be able to turn a portion of users into digitally-conscious and loyal customers. It is a critical change that will help to build a robust, inclusive, and technologically resilient financial ecosystem in India.

Keywords: Consumer Perception, E-banking Adoption, Service Quality and Convenience, Perceived Security Risk, Digital Literacy.

Introduction

In the past few years, e-banking has revolutionized the banking industry by offering the consumer the ease of making banking transactions online. The shift to the digital banking channel and the abandonment of the traditional brick-and-mortar banking created a lot of questions concerning consumer attitudes. Even as some consumers embrace the benefits of e-banking, such as 24/7 access and convenience, others are still scared of the security and the anonymity of online services.

The research aims at investigating consumer perception of e-banking service with a keen interest in the concerns of security, usability, convenient, and trust in financial institutions. A perception of the consumers is essential in banks that want to improve their services, increase their uptake and overcome fears that may limit their growth.

Review of Literature

The paper seeks to review seminal academic work elucidating the consumer perception of E-Banking, its expansion and influence.

Omar, N. A., & Ahmad, M. (2023)-*Consumer perception of digital banking: A case study of Malaysian consumers*. This research examines what drives Malaysian consumers' attitudes toward digital banking. The authors' research identified that security issues were the most compelling barrier to adopting digital banking, followed by ease of use and trust. The research points out that younger consumers, particularly more digitally literate consumers, are more likely to embrace digital banking services. The research concludes that improvements in consumer education on digital banking and security concerns may improve adoption.

Al-Emran, M., & Shaalan, K. (2023)-*Consumer adoption of mobile banking in emerging markets: The technology acceptance model and trust role*. Mobile banking adoption in Egypt is researched in this paper using the Technology Acceptance Model (TAM). Findings indicate that the trust in the security features in banks and platform ease of use are determinants of consumer adoption. Banks operating in emerging economies are also suggested to improve security features and experience to improve adoption.

Ravichandran, S., & Kumar, R. (2023)-*Factors influencing customer satisfaction and trust in online banking services*: This research is about different factors affecting customer satisfaction and trust in Internet banking services in India. The researchers found that service quality, customer care, and security features had a significant impact on consumer trust and satisfaction. The research finds that improvement in these areas has the potential to increase consumer trust and loyalty towards Internet banking portals significantly.

Shaikh, A. A., & Karjaluto, H. (2023)-*Understanding the role of perceived risk and trust in the adoption of e-banking services in South Asia*: This study is interested in perceived risk and trust in e-banking services adoption in South Asia, namely India, Pakistan, and Bangladesh. The findings show that security concerns and financial institutions' trust are key drivers of adoption.

The paper suggests that banks need to enhance security and build trust through transparency and consumer awareness.

Nguyen, H. T., & Nguyen, S. N. (2023)-*Consumer attitudes and adoption of mobile banking in Vietnam: Exploring the role of perceived ease of use and perceived usefulness*. This research examines the adoption of mobile banking in Vietnam, focusing on perceived ease of use and perceived usefulness. The study concludes that these two factors, as well as trust, play an important role in consumer adoption. The authors note that mobile banking services need to focus on simple-to-use interfaces and tangible benefits to drive adoption, particularly among youth.

Banerjee, S., & Rao, V. (2023)-*The impact of financial literacy on consumer trust and adoption of digital banking in India*. This research analyses the impacts of financial literacy on trust and adoption of e-banking services in India. The findings indicate that highly financially literate consumers are likely to trust online platforms and adopt them. Banks are recommended to enhance financial literacy programs to build consumer confidence and promote the adoption of electronic banking services.

Kumar, V., & Yadav, R. (2022)-*The role of customer trust in enhancing e-banking adoption: Evidence from India*. The following study examines how customer trust comes into play as a factor contributing to the acceptance of e-banking in India. The authors establish that service quality and confidence in the security of the bank are crucial drivers of adoption. The authors' view is that banks need to enhance transparency, enhance security steps, and include strong customer care to boost acceptances.

Dey, B. L., & Singh, G. (2022)-*Exploring the barriers and motivators to e-banking adoption: A study of Indian consumers*. This article discusses the motivators and barriers to e-banking adoption in India. Security issues and awareness were identified as the main barriers, while cost savings, convenience, and time efficiency were found to be major motivators. The study recommends that banks address security issues and raise consumer awareness to enhance adoption.

Chauhan, S., & Goyal, S. (2022)-*Impact of social influence and trust on e-banking adoption in emerging economies*. This study examines the role of trust and social influence in the adoption of e-banking in India. The results indicate that opinions of family members and friends have a significant influence on consumer purchasing decisions, and trust in the bank and security protocols also have an important role. The research highlights the relevance of social networks and trust in enabling the use of e-banking services.

Patel, K., & Singh, A. (2022)-*Consumer perceptions of mobile banking security: The case of India*. This study examines Indian consumers' attitudes toward mobile banking security. The researchers discovered that data breach, fraud, and identity theft concerns considerably impede

mobile banking adoption. The research recommends that banks should improve the security of their mobile platforms and educate consumers on safeguarding their personal information.

Mehdi, S., & Ali, R. (2022)-*Factors influencing the adoption of digital banking in Pakistan: A consumer perspective*. This study examines the determinants of digital banking adoption in Pakistan. Convenience, ease of use, and security issues are found to be the key drivers of adoption. Banks are suggested to prioritize increasing security features, enhancing user interface design, and consumer concerns to drive digital banking adoption.

Zhang, Y., & Liu, H. (2022)-*Factors affecting the usage of mobile banking services: A consumer perspective from China*. This paper analyses the drivers of mobile banking usage in China. The study concludes that user experience, security, and reputation are key determinants of usage. The authors recommend that mobile banking platforms optimize the simplicity of user interfaces be and strengthen security protocols to enhance consumer trust and take-up.

Objectives of the research

- To comprehend the idea of e-role and e-banking in India
- To determine various means used by banks for e-banking
- In order to find out/test the consumer view about how e-banking has transformed and contributed towards banking systems

Methodology

- **Sample:** This research targets consumers with knowledge of or who utilize e-banking services in urban places.
- **Sample Size:** The sample size is 100 to 150 respondents. This range was chosen to ensure that the data collected would be statistically relevant while remaining manageable for analysis within the scope of a student conducted research project.
- **Sample Selection:** The respondents were picked through convenience sampling. The process of picking them included giving a structured questionnaire to individuals within their network, who mostly lived within urban locations. This method provided simple access and prompt collection of responses.
- **Data Collection:** Data was gathered via a questionnaire, created and distributed online by means of Google Forms. The questionnaire consisted of multiple-choice and Likert-scale questions to acquire information on consumer awareness, usage, satisfaction, and issues related to e-banking.
- **Data Analysis and Interpretation:** Students processed the gathered data by applying basic statistical procedures like percentages, bar graphs, and pie charts. The interpretation sought to identify major trends and consumer attitude toward e-banking services.

Limitation of the Study

I. Sample Skew (Generalizability)

- Gender Bias: Disproportionately, the respondents are mostly Males at 66.4%.
- Occupational Bias: The major group contributing to the results are Students - 61.3%.
- Geographical Bias: The urban population and rural areas are not relevant because the population is high, 70.6%.
- Educational Bias: The sample is very educated with majority being holders of Bachelor degrees thus less representative.

II. Specificity of Data (Depth of Findings)

- Unspecified Problems: Technical Glitches 40.3% is the most significant one, and it does not tell the type of glitch that has taken place, e.g.
- Fraud Ambiguity: The 19.3% response - Maybe to security breaches provides ambiguity over the real occurrence of security breaches.
- Unexplored Neutrality: Large "Neutral" groups were not explored, such as 36.1% on biometric comfort, concealing the reasons for moderate or undecided perceptions.
- Unclear Groupings: Other category of most charts restricts the examination of the minority motivations or difficulties.

Result and Discussions

Key Findings

I. Sample Demographics

- Gender Imbalance: The sample is highly male-dominated, with 66.4% of the respondents being Male, compared to 31.9% Female.
- High Education: The majority of respondents are highly educated, with the biggest group holding a Bachelor's degree at 58.9%.
- Student Focus: The sample is biased towards this sphere of life, as it consists overwhelmingly of Students - 61.3%
- Urban Focus: The user base is city-centric, with 70.6% residing in urban areas.

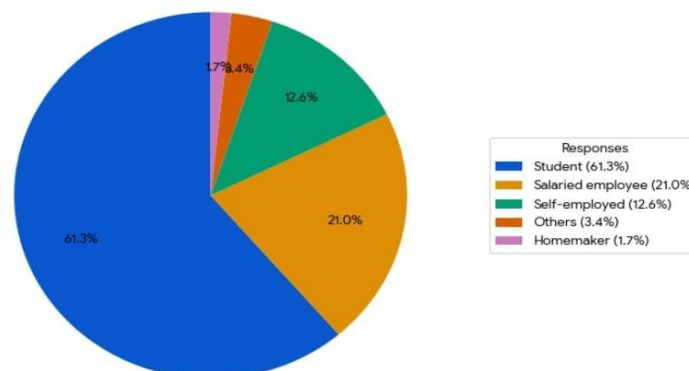


Figure 1: Occupation of respondents

II. Usage and Banking Preference

- **UPI Dominance:** UPI is the most chosen e-banking service, contributing 53.3% of the responses, while mobile-based services (UPI + Mobile banking app) make up nearly 79% in total.

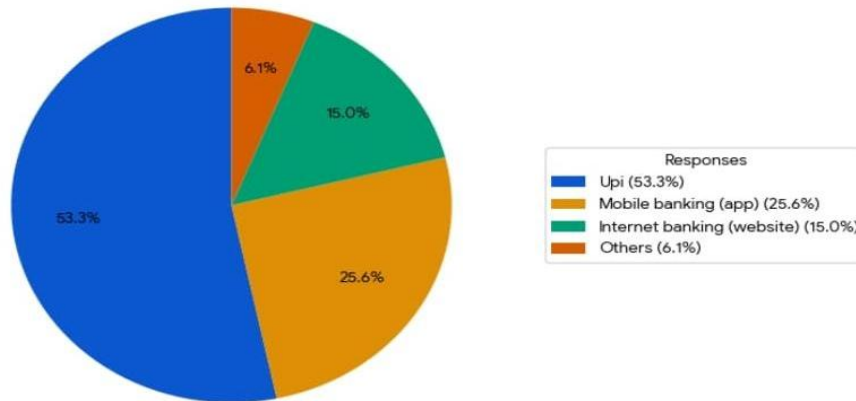


Figure 2: E-banking Services used by respondents

- **High Frequency:** E-banking is integrated into daily life, as 74.8% of users access services either Daily 51.3% or Several times a week 23.5%.
- The preference for Private Banks is expressed at 42.0%, while Public banks are only preferred by 22.7% of users.
- **Recent adoption:** The users are relatively young in e-banking experience, as more than 63% of the respondents have used the services for less than 2 years.

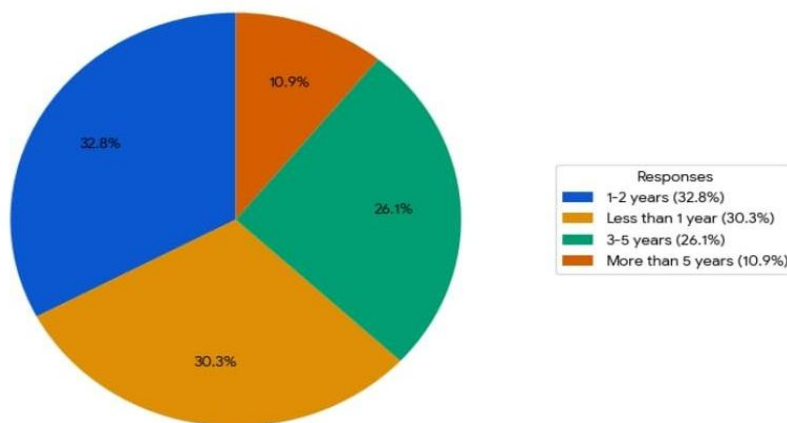


Figure 3: Duration of usage by respondents

III. Perception, Satisfaction, and Convenience

- **Primary Value Drivers:** the two major motivational factors for using e-banking are 24/7 Availability at 39.5% and Convenience at 29.2%, adding up to almost 70% of the motivations.
- **High Satisfaction:** Overall, users are satisfied, and more than 57% rated their overall experiences 4 or 5 on the satisfaction scale. The convenience perception is high, with a nearly 59% rating as either 4 or 5.

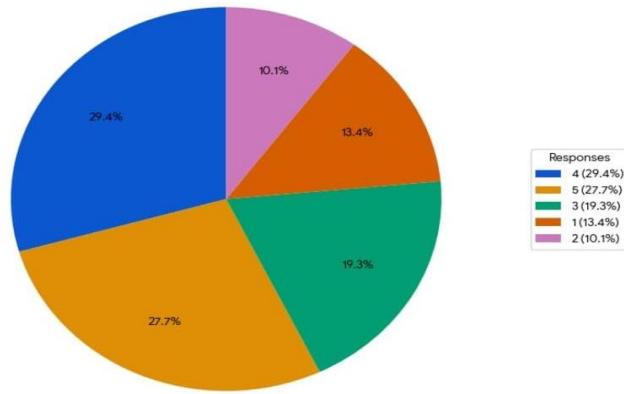


Figure 4: Respondent satisfaction with E-Banking Services

IV. Challenges and Security

- The top challenges are technical: the main problems faced are related to system reliability, such as Technical Glitches at 40.3% and Internet Dependency at 31.4%.
- High Security Incident Rate: Even with strong passwords, users are still experiencing a fraud or security incident rate of 25.2%. Another 19.3% were unsure, answering "Maybe".
- Preference for direct support: respondents use Customer Service Calls 39.5% and Chat Support 32.8% to handle issues; therefore, FAQs aren't as appealing for problem-solving.

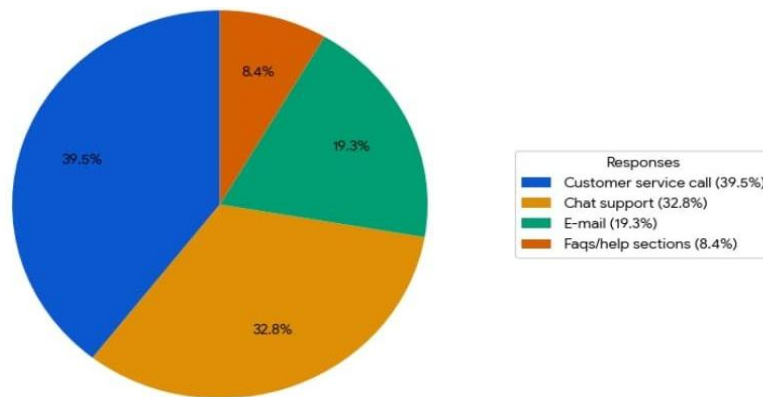


Figure 5: Preferred support channels for E-banking issues

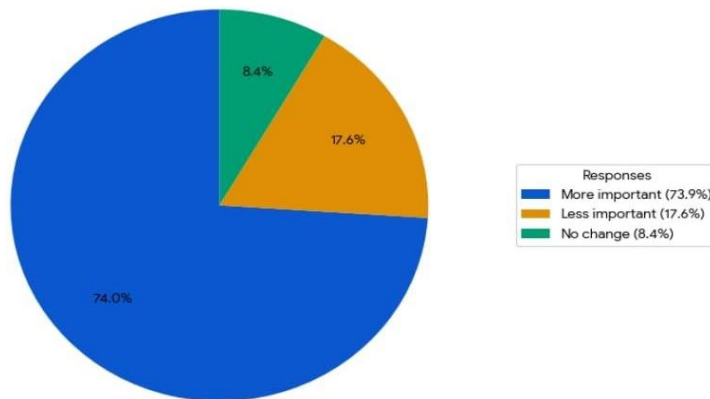


Figure 6: Outlook of respondents on future of E-banking

- Acceptance of Biometrics: Resistance to new security measures is low; more than 54% of the users reported feeling Comfortable with biometric authentication.

V. Future Outlook

- **Overwhelming Optimism:** A high degree of confidence in the future of digital banking, such that an overwhelming 74.0% of respondents believe that e-banking will be more important.

Suggestions

1. Improving Reliability and User Experience

- **Prioritize System Stability:** Invest in the reduction of Technical Glitches (40.3%) as this is the top user complaint, improving foundational trust and success of transactions.
- **Strengthen connectivity solutions:** Banks should seek and promote solutions that provide the best performance in a low-bandwidth or intermittent connectivity environment, considering high Internet Dependency of 31.4%.
- **Enhancing Human Touch:** Increase investment in Chat Support and Customer Service Calls since users have a strong inclination towards such direct and real-time channels for complex issue resolution, with over 72% combined.

2. Addressing Security Gaps

- **Mandate Promotion of Biometrics:** Leverage low user resistance to biometrics (only 9.3% uncomfortable) by strongly promoting and integrating biometric authentication as the default logon method to drive higher security without sacrificing convenience.
- **Proactive User Education:** Tailor specific campaigns to bridge the gap between a high perceived level of security and the actual high incidence of fraud: 25.2% said "Yes.". Educate on risks beyond strong passwords, such as phishing and software updates.

3. Expanding Market Penetration

- **Outreach for Underrepresented Groups:** Tailor digital literacy and access programs to rural and female demographics in order to address current sampling bias and expand the user base of e-banking.
- **Leverage the Dominance of UPI:** Avail UPI, which has the highest 53.3% usage, as a prime gateway to introduce more digital financial products by recognizing it as the most accepted and regularly used service.

Conclusion

The data is clear in indicating the fast and favorable adoption of e-banking services by the daily financial practices of the Indian consumers. The biggest plus is the 24/7 access and unparalleled convenience which have contributed to high satisfaction scores and a conviction that digital banking is the key to the future of the financial world. The success of the market is well founded on the prevalence of UPI and mobile apps where there is evident consumer preference of real-time, on-the-go transactions. Nevertheless, there is a serious problem with the analysis. Although the user is confident, the fact that there is a plethora of technical glitches, as well as there are real security attacks, is a significant security risk to the continuity of positive emotions. This means

that the existing user experience is largely influenced by system stability and operational issues, and not external impediments to technology acceptance, including biometrics.

Thus, the strategies in the industry in the future need to be changed to focus on matters of reliability and security rather than on the addition of new features. Although the current positive perception is high, it should be noted that the positive perception is mainly by an urban, highly educated and male dominated population. To sustain this momentum, specific efforts should be directed at overcoming technical issues and ensuring the same positive and reliable experience to underserve geographic and gender groups in the broader Indian market.

References

1. Omar, N. A., & Ahmad, M. (2023). A consumer survey of digital banking in Malaysia. *International Journal of Bank Marketing*, 41(2), 142–159.
2. Al-Emran, M., & Shaalan, K. (2023). Mobile banking adoption in emerging markets: The influence of trust and the technology acceptance model. *Telematics and Informatics*, 72, 101842.
3. Ravichandran, S., & Kumar, R. (2023). Determinants of customer satisfaction and trust in online banking services. *International Journal of Financial Services Management*, 15(1), 31–46.
4. Shaikh, A. A., & Karjaluo, H. (2023). The role of perceived risk and trust in adopting e-banking services in South Asia. *Journal of Financial Services Marketing*, 28(1), 10–24.
5. Nguyen, H. T., & Nguyen, S. N. (2023). The role of perceived ease of use and perceived usefulness in shaping consumer attitudes toward mobile banking adoption in Vietnam. *Journal of Asia Business Studies*, 17(4), 547–563.
6. Banerjee, S., & Rao, V. (2023). Influence of financial literacy on the adoption of digital banking among Indian consumers. *Journal of Digital Banking*, 7(1), 40–57.
7. Kumar, V., & Yadav, R. (2022). Customer trust and its impact on the adoption of e-banking in India. *Technology in Society*, 69, 101986.
8. Dey, B. L., & Singh, G. (2022). Barriers and drivers of e-banking adoption among Indian consumers. *International Journal of Bank Marketing*, 40(6), 1224–1242.
9. Chauhan, S., & Goyal, S. (2022). The influence of social factors and trust on e-banking adoption in emerging markets. *Journal of Retailing and Consumer Services*, 66, 102978.
10. Patel, K., & Singh, A. (2022). Consumer perceptions of mobile banking security in India. *Journal of Financial Regulation and Compliance*, 30(4), 543–559.
11. Mehdi, S., & Ali, R. (2022). Predictors of digital banking adoption in Pakistan: A consumer perspective. *Journal of Digital Finance*, 4(3), 208–224.
12. Zhang, Y., & Liu, H. (2022). Consumer adoption of mobile banking services in China. *Computers in Human Behavior*, 128, 107089.

APPLICATION OF BREAK-EVEN ANALYSIS AMONG COLLEGE STUDENTS: AN EMPIRICAL STUDY FROM GOA

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Abstract

Break-even analysis is a fundamental tool in cost and management accounting that supports managerial decision-making by identifying the level of sales at which total revenue equals total cost. Despite its importance in academic curricula, students often face difficulty in applying this concept in practical situations. The present study investigates the influence of familiarity, knowledge, awareness, and understanding on the application of break-even analysis among college students in Goa. Primary data were collected from 211 respondents using a structured questionnaire measured on a five-point Likert scale. The study employs descriptive statistics, reliability and validity testing, and Structural Equation Modeling (SEM) to examine the proposed relationships. The findings reveal that awareness and understanding have a significant positive influence on application, whereas familiarity and knowledge do not exhibit a significant effect. The model explains 82.3% of the variance in application. The study concludes that conceptual clarity and practical awareness are critical for enhancing students' decision-making abilities. The findings have important implications for curriculum design, teaching methods, and assessment practices in accounting education.

Keywords: Break-Even Analysis, Awareness, Familiarity, Knowledge, Understanding.

1. Introduction

Cost and management accounting plays a crucial role in providing relevant information to management for planning, controlling, and decision-making. Among its various tools, break-even analysis is widely used to examine the relationship between cost, volume, and profit. It enables managers to determine the minimum level of sales required to avoid losses and supports strategic decisions related to pricing, budgeting, and cost control.

In academic settings, break-even analysis is introduced at the undergraduate level to develop students' analytical and decision-making abilities. However, despite being part of the curriculum, students often struggle to apply this concept in practical situations. This indicates a gap between theoretical knowledge and practical application. Students tend to memorize formulas without fully understanding their implications in real-life business scenarios.

In the present competitive environment, it is essential for students to develop not only theoretical knowledge but also the ability to apply concepts effectively. Therefore, it becomes

important to examine the factors that influence students' application of break-even analysis. The present study focuses on four key learning dimensions: familiarity, knowledge, awareness, and understanding—and investigates their impact on students' ability to apply break-even analysis in decision-making.

2. Literature Review

Break-even analysis has been widely discussed in cost accounting literature as an essential tool for decision-making. It is based on the cost-volume-profit relationship and helps in identifying the level of output at which total revenue equals total cost. Studies by Horngren *et al.* (2015) and Drury (2018) emphasize its importance in planning and control.

In the context of accounting education, researchers have highlighted the limitations of traditional teaching methods. Albrecht and Sack (2000) argue that accounting education often focuses on theoretical knowledge rather than practical application. Similarly, Lucas (2001) found that students tend to adopt surface learning approaches, which limit conceptual understanding.

Learning theories suggest that effective learning occurs through multiple stages. Familiarity represents initial exposure to concepts, while knowledge refers to theoretical understanding. Awareness helps students recognize the relevance of concepts, and understanding reflects deeper comprehension. According to Anderson and Krathwohl (2001), higher-order learning outcomes such as application require conceptual clarity rather than mere memorization.

Empirical studies indicate that awareness and understanding play a significant role in improving application ability. However, most existing studies examine these factors in isolation. There is limited research that simultaneously investigates familiarity, knowledge, awareness, and understanding and their combined influence on application, particularly in the context of Indian students. This gap provides the basis for the present study.

3. Conceptual Framework and Hypotheses Development

The present study proposes that students' ability to apply break-even analysis is influenced by four learning dimensions: familiarity, knowledge, awareness, and understanding.

Familiarity refers to students' exposure to basic concepts such as fixed cost, variable cost, and break-even point. Knowledge represents theoretical understanding acquired through classroom learning. Awareness reflects students' recognition of the practical relevance of break-even analysis in business decision-making. Understanding denotes conceptual clarity regarding the relationship between cost, volume, and profit.

Based on the literature, the following hypotheses are proposed:

- **H1:** Familiarity has a significant influence on application
- **H2:** Knowledge has a significant influence on application
- **H3:** Awareness has a significant influence on application
- **H4:** Understanding has a significant influence on application

- **H5:** Familiarity, knowledge, awareness, and understanding jointly influence application

4. Research Methodology

The study adopts a descriptive research design to examine students' perceptions and application ability. The target population consists of college students in Goa pursuing commerce and related courses.

Data were collected using a structured questionnaire divided into three sections: independent variables, dependent variable, and demographic information. A five-point Likert scale was used to measure responses.

A total of 216 responses were collected, out of which 211 valid responses were retained after data cleaning. Convenience sampling was used due to accessibility considerations.

The data were analyzed using descriptive statistics to understand general trends. Reliability was assessed using Cronbach's Alpha and McDonald's Omega. Convergent and discriminant validity were tested using Composite Reliability (CR), Average Variance Extracted (AVE), and HTMT ratio. Structural Equation Modeling (SEM) was employed to test the hypotheses.

5. Results and Analysis

5.1 Descriptive Analysis

The descriptive analysis of the study provides an overview of students' familiarity, knowledge, awareness, understanding, and application of break-even analysis. The findings indicate that students possess a moderately high level of familiarity, suggesting that they are generally exposed to basic concepts such as fixed costs, variable costs, contribution, and break-even point as part of their academic curriculum. However, the level of knowledge remains moderate, implying that while students have theoretical understanding, their depth of learning and integration of concepts may not be sufficient for advanced application.

Similarly, awareness is found to be moderately high, indicating that students recognize the importance and relevance of break-even analysis in business decision-making contexts. The highest mean score is observed for understanding, reflecting that students have a relatively strong conceptual grasp of the relationship between cost, volume, and profit. Despite this, the level of application is only moderate, which highlights a clear gap between conceptual understanding and practical use. This suggests that students may understand theoretical aspects but face challenges in applying them effectively in decision-making situations.

5.2 Reliability and Validity Analysis

The reliability and validity of the measurement model were assessed to ensure the accuracy and consistency of the constructs. Reliability analysis using Cronbach's Alpha and McDonald's Omega indicates that all constructs demonstrate high internal consistency, with values exceeding the acceptable threshold. This confirms that the measurement items used in the study are consistent and reliable.

Convergent validity was established through Composite Reliability and Average Variance Extracted, both of which meet the recommended criteria, indicating that the constructs adequately capture the intended variables. Furthermore, discriminant validity was confirmed using the HTMT ratio, which shows that all constructs are distinct from one another. These results collectively validate the measurement model and confirm its suitability for further analysis using SEM.

5.3 Structural Model Analysis

The structural model was used to examine the relationships between familiarity, knowledge, awareness, understanding, and the application of break-even analysis. The results reveal that awareness and understanding have a significant positive influence on application, indicating that students who recognize the practical relevance of break-even analysis and possess strong conceptual clarity are more likely to apply it effectively in decision-making situations.

In contrast, familiarity and knowledge do not show a significant effect on application. This suggests that basic exposure to concepts and theoretical understanding alone are insufficient to enhance practical application. The model demonstrates a high explanatory power, with an R^2 value of 0.823, indicating that a substantial proportion of variation in application is explained by the independent variables. This highlights the importance of deeper learning dimensions in influencing application ability.

6. Discussion

6.1 Role of Familiarity and Knowledge

The findings indicate that familiarity and knowledge do not significantly influence the application of break-even analysis. This suggests that students' exposure to concepts and their theoretical understanding are not enough to enable effective application. While students may recognize key terms and understand formulas, they may lack the ability to interpret and use this knowledge in practical situations. This reflects the limitations of traditional teaching methods that emphasize memorization rather than application-oriented learning.

6.2 Role of Awareness

Awareness emerges as the most significant factor influencing application. This highlights the importance of students recognizing the practical relevance of break-even analysis in business contexts. When students understand how break-even analysis is used in pricing, cost control, and profit planning, they are more motivated to apply it. Awareness acts as a bridge between theoretical knowledge and practical application, enabling students to connect classroom learning with real-world scenarios.

6.3 Role of Understanding

Understanding also plays a crucial role in enhancing application. Students who have a clear conceptual understanding of the relationship between cost, volume, and profit are better able to analyze situations and make informed decisions. This finding emphasizes that deep learning and

conceptual clarity are essential for developing application skills. It supports the view that higher-order cognitive abilities depend on a strong foundation of understanding.

6.4 Educational Implications of Findings

The overall findings suggest that effective learning in accounting requires more than theoretical knowledge. It requires an integrated approach that combines awareness and understanding with practical exposure. The study highlights the need for educational practices that focus on developing analytical thinking and real-world application skills rather than relying solely on traditional teaching methods.

7. Implications

7.1 Implications for Curriculum Design

The findings suggest that there is a need to redesign the curriculum to emphasize conceptual understanding and practical relevance. Incorporating case studies, real-life examples, and application-based exercises can help students relate theoretical concepts to business situations and improve their analytical skills.

7.2 Implications for Teaching Methodology

The study highlights the importance of adopting interactive and student-centered teaching methods. Educators should use discussions, simulations, and problem-solving activities to enhance students' understanding and awareness. Such approaches can improve students' confidence and ability to apply accounting concepts in real-world situations.

7.3 Implications for Assessment Practices

The findings indicate that assessment methods should focus on evaluating students' application ability rather than memorization. Including case-based questions, practical problems, and analytical exercises in examinations can help students develop decision-making skills and improve their practical competence.

7.4 Implications for Students and Institutions

Students should focus on developing conceptual clarity and actively engaging with practical problems to enhance their learning outcomes. Educational institutions should promote skill-based learning and provide opportunities for experiential learning through workshops, seminars, and industry interactions. Such initiatives can bridge the gap between theory and practice and prepare students for professional roles.

8. Limitations and Future Research

8.1 Limitations of the Study

The study is subject to certain limitations that should be considered while interpreting the findings. The research is geographically limited to the state of Goa, which may affect the generalizability of the results. The use of convenience sampling may introduce bias, as the sample may not fully represent the broader student population. Additionally, the reliance on self-reported data may lead to response bias, as respondents' answers may be influenced by their

perceptions and understanding. The cross-sectional nature of the study also limits the ability to examine changes in learning behaviour over time.

8.2 Directions for Future Research

Future research can address these limitations by expanding the study to other regions and using probability sampling techniques to improve representativeness. Longitudinal studies can be conducted to examine how students' understanding and application skills evolve over time. Further research can also explore additional variables such as teaching methods, use of technology, and learning styles to gain deeper insights into factors influencing application. Comparative studies across different academic disciplines can provide broader perspectives, while experimental research designs can be used to evaluate the effectiveness of innovative teaching approaches.

Conclusion

The present study examined the factors influencing the application of break-even analysis among college students in Goa. The findings reveal that while students possess familiarity and theoretical knowledge, these factors do not significantly contribute to their ability to apply break-even analysis in practical situations.

The study identifies a gap between conceptual learning and practical implementation, indicating that students may understand concepts but struggle to apply them effectively. The high explanatory power of the model confirms that the selected variables provide a strong explanation of application behaviour. The study concludes that accounting education should shift towards a more concept-based and application-oriented approach to enhance students' decision-making abilities.

References

1. Albrecht, W. S., & Sack, R. J. (2000). *Accounting education: Charting the course through a perilous future*. American Accounting Association.
2. Anderson, L. W., & Krathwohl, D. R. (2001). *A taxonomy for learning, teaching, and assessing: A revision of Bloom's taxonomy of educational objectives*. Longman.
3. Drury, C. (2018). *Management and cost accounting* (10th ed.). Cengage Learning.
4. Horngren, C. T., Datar, S. M., & Rajan, M. (2015). *Cost accounting: A managerial emphasis* (15th ed.). Pearson.
5. Kothari, C. R. (2014). *Research methodology: Methods and techniques* (3rd ed.). New Age International.
6. Sekaran, U., & Bougie, R. (2016). *Research methods for business: A skill-building approach* (7th ed.). Wiley.

लोकतंत्र और मानवाधिकार: एक अध्ययन

स्वाती पाठक

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1. प्रस्तावना

आधुनिक वैश्विक परिप्रेक्ष्य में लोकतंत्र और मानवाधिकार ऐसे दो मूलभूत स्तंभ हैं, जिन पर किसी भी विकसित, न्यायपूर्ण और संतुलित समाज की नींव टिकी होती है। वर्तमान समय में जब विश्व तेजी से सामाजिक, आर्थिक और तकनीकी परिवर्तनों से गुजर रहा है, तब इन दोनों अवधारणाओं की प्रासंगिकता और भी अधिक बढ़ जाती है। लोकतंत्र केवल शासन की एक प्रणाली नहीं है, बल्कि यह एक व्यापक सामाजिक व्यवस्था है, जो समानता, स्वतंत्रता, न्याय और भागीदारी जैसे मूल्यों को अपने भीतर समाहित करती है।

लोकतंत्र का मूल उद्देश्य यह सुनिश्चित करना है कि प्रत्येक नागरिक को अपने विचार व्यक्त करने, निर्णय प्रक्रिया में भाग लेने तथा शासन की नीतियों को प्रभावित करने का अवसर प्राप्त हो। इसके माध्यम से नागरिक न केवल अपने अधिकारों का उपयोग करते हैं, बल्कि समाज के निर्माण में सक्रिय भूमिका भी निभाते हैं। दूसरी ओर, मानवाधिकार प्रत्येक व्यक्ति के अस्तित्व, गरिमा और स्वतंत्रता से जुड़े वे अधिकार हैं, जो उसे जन्म से प्राप्त होते हैं। ये अधिकार किसी राज्य, समाज या संस्था द्वारा दिए गए नहीं होते, बल्कि ये व्यक्ति के मानव होने के कारण स्वाभाविक रूप से प्राप्त होते हैं।

लोकतंत्र और मानवाधिकार का संबंध अत्यंत गहरा और परस्पर निर्भर है। जहाँ लोकतंत्र नागरिकों को शासन में भागीदारी का अधिकार प्रदान करता है, वहीं मानवाधिकार यह सुनिश्चित करते हैं कि यह भागीदारी सम्मानजनक, सुरक्षित और समान अवसरों के साथ हो। यदि किसी समाज में मानवाधिकारों का संरक्षण नहीं किया जाता, तो वहाँ लोकतंत्र केवल औपचारिक बनकर रह जाता है। इसी प्रकार, यदि लोकतांत्रिक व्यवस्था सुदृढ़ नहीं है, तो मानवाधिकारों की रक्षा भी संभव नहीं हो पाती।

वर्तमान युग में वैश्वीकरण, तकनीकी विकास, सूचना क्रांति और सामाजिक परिवर्तन के कारण लोकतंत्र और मानवाधिकारों के स्वरूप में भी परिवर्तन आया है। डिजिटल माध्यमों ने अभिव्यक्ति की स्वतंत्रता को एक नया आयाम प्रदान किया है, वहीं दूसरी ओर निजता (privacy) और डेटा सुरक्षा जैसे नए मानवाधिकार संबंधी प्रश्न भी सामने आए हैं। इसके अतिरिक्त, आर्थिक असमानता, जातीय भेदभाव, लैंगिक असमानता तथा राजनीतिक अस्थिरता जैसी समस्याएँ आज भी लोकतंत्र और मानवाधिकारों के समक्ष गंभीर चुनौतियाँ प्रस्तुत करती हैं।

इस संदर्भ में लोकतंत्र और मानवाधिकारों का अध्ययन न केवल सैद्धांतिक दृष्टि से महत्वपूर्ण है, बल्कि यह व्यावहारिक जीवन में भी अत्यंत उपयोगी है। यह व्यक्ति को अपने अधिकारों और कर्तव्यों के प्रति जागरूक बनाता है तथा उसे एक जिम्मेदार और सक्रिय नागरिक के रूप में विकसित करता है। अतः यह अध्ययन इस बात को समझने का प्रयास करता है कि लोकतंत्र और मानवाधिकार किस प्रकार एक-दूसरे के पूरक हैं तथा समाज के समग्र विकास में उनकी क्या भूमिका है।

2. लोकतंत्र की अवधारणा

लोकतंत्र का अर्थ है- जनता द्वारा, जनता के लिए और जनता का शासन। इसमें सत्ता का अंतिम स्रोत जनता होती है, और शासन उसकी सहमति तथा सहभागिता से संचालित होता है। लोकतंत्र केवल राजनीतिक व्यवस्था नहीं, बल्कि सामाजिक जीवन की एक ऐसी प्रणाली है, जिसमें समानता, स्वतंत्रता और न्याय को प्राथमिकता दी जाती है।

लोकतंत्र के प्रमुख तत्व -

- जनसत्ता
- समानता
- स्वतंत्रता
- विधि का शासन
- निष्पक्ष चुनाव

3. मानवाधिकार की अवधारणा

मानवाधिकार वे मूल अधिकार हैं, जो प्रत्येक व्यक्ति को केवल मानव होने के आधार पर प्राप्त होते हैं। ये अधिकार व्यक्ति की गरिमा, स्वतंत्रता और समानता की रक्षा करते हैं तथा उसके समग्र विकास के लिए आवश्यक होते हैं।

मानवाधिकार की विशेषताएँ-

- सार्वभौमिकता
- अविभाज्यता
- समानता
- अपरिहार्यता

4. लोकतंत्र और मानवाधिकार का परस्पर संबंध

लोकतंत्र और मानवाधिकार एक-दूसरे के पूरक हैं। लोकतंत्र नागरिकों को अधिकार प्रदान करता है, जबकि मानवाधिकार उन अधिकारों की सुरक्षा सुनिश्चित करते हैं।

- लोकतंत्र अधिकारों का आधार प्रदान करता है
- मानवाधिकार उनके संरक्षण का कार्य करते हैं
- दोनों मिलकर सामाजिक न्याय को स्थापित करते हैं

5. लोकतंत्र के प्रकार

लोकतंत्र को उसकी संरचना, कार्यप्रणाली तथा नागरिकों की भागीदारी के आधार पर विभिन्न प्रकारों में वर्गीकृत किया जाता है। प्रत्येक प्रकार की अपनी विशेषताएँ, सीमाएँ और उपयोगिता होती हैं। इन प्रकारों के माध्यम से यह समझा जा सकता है कि विभिन्न समाजों में लोकतंत्र किस प्रकार कार्य करता है और नागरिकों की भूमिका उसमें कितनी महत्वपूर्ण होती है।

5.1 प्रत्यक्ष लोकतंत्र: प्रत्यक्ष लोकतंत्र वह प्रणाली है, जिसमें नागरिक स्वयं सीधे शासन की निर्णय प्रक्रिया में भाग लेते हैं। इसमें किसी प्रकार के प्रतिनिधियों की आवश्यकता नहीं होती, बल्कि जनता स्वयं नीतियों, कानूनों और निर्णयों पर विचार-विमर्श कर उन्हें स्वीकृति प्रदान करती है। प्राचीन काल में एथेंस में इस प्रकार की व्यवस्था प्रचलित थी, जहाँ नागरिक सभा के माध्यम से निर्णय लिए जाते थे। आधुनिक समय में प्रत्यक्ष लोकतंत्र सीमित रूप में जनमत संग्रह (Referendum), जन पहल (Initiative) और जनमत संग्रहण जैसी प्रक्रियाओं के माध्यम से देखा जाता है।

विशेषताएँ:

- नागरिकों की प्रत्यक्ष भागीदारी
- निर्णय प्रक्रिया में पारदर्शिता
- लोकतांत्रिक मूल्यों का सुदृढ़ीकरण

सीमाएँ:

- बड़े और जटिल समाजों में लागू करना कठिन
- समय और संसाधनों की अधिक आवश्यकता
- सभी नागरिकों का समान रूप से जागरूक होना आवश्यक

5.2 प्रतिनिधिक लोकतंत्र: प्रतिनिधिक लोकतंत्र वर्तमान समय में सबसे व्यापक रूप से अपनाई गई लोकतांत्रिक प्रणाली है। इसमें नागरिक सीधे शासन नहीं करते, बल्कि वे अपने प्रतिनिधियों का चुनाव करते हैं, जो उनकी ओर से शासन का संचालन करते हैं। जैसे कि भारत में नागरिक चुनाव के माध्यम से अपने प्रतिनिधियों का चयन करते हैं, जो संसद और विधानसभाओं में जाकर नीतियाँ बनाते हैं।

विशेषताएँ:

- व्यापक जनसंख्या के लिए उपयुक्त
- प्रशासनिक कार्यों का प्रभावी संचालन
- विशेषज्ञता आधारित निर्णय लेने की सुविधा

सीमाएँ:

- प्रतिनिधियों द्वारा जनता के हितों की उपेक्षा की संभावना
- राजनीतिक दलों का अत्यधिक प्रभाव
- भ्रष्टाचार और सत्ता के दुरुपयोग की संभावना

5.3 उदार लोकतंत्र: उदार लोकतंत्र वह प्रणाली है, जिसमें व्यक्तिगत स्वतंत्रता, मौलिक अधिकारों और विधि के शासन को विशेष महत्व दिया जाता है। इसमें केवल चुनाव ही नहीं, बल्कि नागरिकों के अधिकारों की रक्षा, न्यायपालिका की स्वतंत्रता तथा मीडिया की स्वतंत्रता भी सुनिश्चित की जाती है। इस प्रकार के लोकतंत्र में राज्य की शक्ति सीमित होती है और नागरिकों के अधिकारों को सर्वोच्च प्राथमिकता दी जाती है।

विशेषताएँ:

- व्यक्तिगत स्वतंत्रता का संरक्षण
- मौलिक अधिकारों की गारंटी
- न्यायपालिका और मीडिया की स्वतंत्रता
- विधि का शासन

सीमाएँ:

- आर्थिक असमानता के कारण अधिकारों का असमान उपयोग
- अत्यधिक स्वतंत्रता से सामाजिक असंतुलन की संभावना

5.4 सहभागी लोकतंत्र: सहभागी लोकतंत्र में नागरिकों की भागीदारी केवल चुनाव तक सीमित नहीं रहती, बल्कि वे नीति-निर्माण, विकास योजनाओं और स्थानीय प्रशासन में भी सक्रिय भूमिका निभाते हैं। यह लोकतंत्र नागरिकों को सशक्त बनाने और शासन को अधिक उत्तरदायी बनाने का प्रयास करता है।

विशेषताएँ:

- नागरिकों की सक्रिय भागीदारी

- स्थानीय स्तर पर निर्णय लेने की प्रक्रिया
- पारदर्शिता और उत्तरदायित्व में वृद्धि

5.5 संवैधानिक लोकतंत्र: इस प्रकार के लोकतंत्र में शासन संविधान के अनुसार संचालित होता है। संविधान सर्वोच्च होता है और सभी संस्थाएँ तथा नागरिक उसके अधीन होते हैं। जैसे भारत में संविधान सर्वोच्च कानून है, जो नागरिकों के अधिकारों और कर्तव्यों को निर्धारित करता है।

विशेषताएँ:

- संविधान की सर्वोच्चता
- अधिकारों की कानूनी सुरक्षा
- शासन की सीमाएँ निर्धारित

6. मानवाधिकारों के प्रकार

मानवाधिकारों को उनके स्वरूप, उद्देश्य और उपयोगिता के आधार पर विभिन्न श्रेणियों में विभाजित किया जाता है। यह वर्गीकरण इस बात को स्पष्ट करता है कि व्यक्ति के जीवन के विभिन्न पहलुओं-राजनीतिक, सामाजिक, आर्थिक और सांस्कृतिक-में अधिकार किस प्रकार कार्य करते हैं। मानवाधिकारों का यह विभाजन न केवल उनके अध्ययन को सरल बनाता है, बल्कि उनके प्रभावी संरक्षण और क्रियान्वयन में भी सहायक होता है।

6.1 नागरिक एवं राजनीतिक अधिकार: नागरिक एवं राजनीतिक अधिकार वे अधिकार हैं, जो व्यक्ति की स्वतंत्रता, गरिमा और राज्य के साथ उसके संबंधों को निर्धारित करते हैं। ये अधिकार व्यक्ति को समाज और शासन के भीतर स्वतंत्र रूप से जीने, विचार व्यक्त करने तथा राजनीतिक प्रक्रियाओं में भाग लेने का अवसर प्रदान करते हैं। इन अधिकारों का मुख्य उद्देश्य व्यक्ति को राज्य के अत्यधिक हस्तक्षेप से सुरक्षित रखना तथा उसकी स्वतंत्रता को सुनिश्चित करना है।

मुख्य अधिकार:

- जीवन का अधिकार
- व्यक्तिगत स्वतंत्रता का अधिकार
- अभिव्यक्ति की स्वतंत्रता
- धर्म की स्वतंत्रता
- समानता का अधिकार
- मतदान का अधिकार

महत्व: ये अधिकार लोकतंत्र की आधारशिला माने जाते हैं, क्योंकि इनके बिना नागरिक अपनी आवाज को प्रभावी रूप से व्यक्त नहीं कर सकते। यह अधिकार शासन को उत्तरदायी बनाते हैं और नागरिकों को अन्याय के विरुद्ध खड़े होने की शक्ति प्रदान करते हैं।

6.2 सामाजिक एवं आर्थिक अधिकार: सामाजिक एवं आर्थिक अधिकार व्यक्ति के जीवन स्तर, कल्याण और सामाजिक सुरक्षा से जुड़े होते हैं। ये अधिकार इस बात को सुनिश्चित करते हैं कि प्रत्येक व्यक्ति को एक सम्मानजनक जीवन जीने के लिए आवश्यक सुविधाएँ प्राप्त हों। इन अधिकारों का संबंध समाज के विकास और समान अवसरों की उपलब्धता से होता है, जिससे सामाजिक असमानताओं को कम किया जा सके।

मुख्य अधिकार:

- शिक्षा का अधिकार
- स्वास्थ्य सेवाओं का अधिकार
- रोजगार का अधिकार
- उचित वेतन और कार्य की परिस्थितियाँ
- सामाजिक सुरक्षा का अधिकार

महत्व: ये अधिकार व्यक्ति के समग्र विकास के लिए अत्यंत आवश्यक हैं। इनके माध्यम से समाज में समानता और सामाजिक न्याय को बढ़ावा मिलता है। यदि ये अधिकार प्रभावी रूप से लागू नहीं होते, तो आर्थिक असमानता और सामाजिक विषमता बढ़ सकती है।

6.3 सांस्कृतिक अधिकार: सांस्कृतिक अधिकार व्यक्ति और समुदाय की सांस्कृतिक पहचान, परंपराओं और जीवन-शैली की रक्षा से संबंधित होते हैं। ये अधिकार यह सुनिश्चित करते हैं कि प्रत्येक व्यक्ति को अपनी भाषा, संस्कृति, परंपराओं और मान्यताओं को बनाए रखने तथा उन्हें विकसित करने का अवसर मिले।

मुख्य अधिकार:

- अपनी भाषा का उपयोग और संरक्षण
- परंपराओं और रीति-रिवाजों का पालन
- सांस्कृतिक अभिव्यक्ति का अधिकार
- सांस्कृतिक विरासत की रक्षा

महत्व: सांस्कृतिक अधिकार समाज में विविधता और बहुलता को बनाए रखने में महत्वपूर्ण भूमिका निभाते हैं। ये अधिकार विभिन्न समुदायों की पहचान को संरक्षित रखते हैं और उन्हें अपनी विशिष्टता बनाए रखने का अवसर प्रदान करते हैं। वैश्वीकरण के इस युग में, जहाँ सांस्कृतिक एकरूपता का खतरा बढ़ रहा है, वहाँ इन अधिकारों का महत्व और भी अधिक बढ़ जाता है।

7. भारतीय संदर्भ में लोकतंत्र और मानवाधिकार

भारत एक लोकतांत्रिक गणराज्य है, जहाँ संविधान नागरिकों को मौलिक अधिकार प्रदान करता है।

- समानता का अधिकार
- स्वतंत्रता का अधिकार
- शिक्षा का अधिकार
- संवैधानिक उपचार ये सभी अधिकार मानवाधिकारों की रक्षा करते हैं और लोकतंत्र को सुदृढ़ बनाते हैं।

लोकतंत्र और मानवाधिकार की चुनौतियाँ एवं समाधान

1. सामाजिक असमानता

चुनौती: समाज में जाति, वर्ग, लिंग, धर्म और आर्थिक स्थिति के आधार पर असमानता पाई जाती है। इससे सभी नागरिकों को समान अवसर नहीं मिल पाते और मानवाधिकार प्रभावित होते हैं।

समाधान:

- समान अवसर प्रदान करने हेतु समान शिक्षा और रोजगार की व्यवस्था की जाए।

- कमजोर वर्गों के लिए आरक्षण और सामाजिक सुरक्षा योजनाओं को प्रभावी बनाया जाए।
- महिला सशक्तिकरण और लैंगिक समानता को बढ़ावा दिया जाए।
- समाज में समानता और सहिष्णुता के मूल्यों का प्रसार किया जाए।

2. भ्रष्टाचार

चुनौती: भ्रष्टाचार लोकतंत्र की पारदर्शिता और निष्पक्षता को कमजोर करता है तथा नागरिकों के अधिकारों का हनन करता है।

समाधान:

- सरकारी कार्यों में पारदर्शिता और जवाबदेही सुनिश्चित की जाए।
- कड़े कानून बनाकर भ्रष्टाचारियों पर सख्त कार्रवाई की जाए।
- ई-गवर्नेंस को बढ़ावा देकर मानवीय हस्तक्षेप कम किया जाए।
- नागरिकों में नैतिक शिक्षा और जागरूकता को बढ़ावा दिया जाए।

3. अशिक्षा (Illiteracy)

चुनौती: अशिक्षा के कारण नागरिक अपने अधिकारों और कर्तव्यों से अनभिज्ञ रहते हैं, जिससे लोकतंत्र कमजोर होता है।

समाधान:

- सर्व शिक्षा अभियान और वयस्क शिक्षा कार्यक्रमों को मजबूत किया जाए।
- ग्रामीण क्षेत्रों में विद्यालयों और शिक्षकों की उपलब्धता बढ़ाई जाए।
- डिजिटल शिक्षा और कौशल विकास कार्यक्रमों को बढ़ावा दिया जाए।
- नागरिकों को मानवाधिकार शिक्षा दी जाए।

4. मानवाधिकार उल्लंघन

चुनौती: कई स्थानों पर बाल श्रम, महिला उत्पीड़न, जातीय भेदभाव और पुलिस अत्याचार जैसी घटनाएँ मानवाधिकारों का उल्लंघन करती हैं।

समाधान:

- मानवाधिकारों से संबंधित कानूनों का सख्ती से पालन कराया जाए।
- पीड़ितों को त्वरित न्याय और कानूनी सहायता प्रदान की जाए।
- मानवाधिकार आयोग और अन्य संस्थाओं को अधिक शक्तिशाली बनाया जाए।
- समाज में मानवाधिकार जागरूकता अभियान चलाए जाएँ।

5. राजनीतिक दबाव

चुनौती: राजनीतिक दबाव के कारण प्रशासनिक निर्णय प्रभावित होते हैं और निष्पक्षता तथा न्याय में बाधा आती है।

समाधान:

- प्रशासन और न्यायपालिका की स्वतंत्रता सुनिश्चित की जाए।
- निष्पक्ष चुनाव प्रणाली को मजबूत किया जाए।
- लोकतांत्रिक मूल्यों और संविधान के प्रति निष्ठा विकसित की जाए।

- मीडिया और नागरिक समाज को स्वतंत्र रूप से कार्य करने दिया जाए।

9. डिजिटल युग और मानवाधिकार

डिजिटल युग में मानवाधिकारों के नए आयाम सामने आए हैं।

- अभिव्यक्ति की स्वतंत्रता का विस्तार
- निजता का अधिकार
- साइबर सुरक्षा
- डिजिटल असमानता

10. शिक्षा में महत्व

लोकतंत्र और मानवाधिकार का अध्ययन विद्यार्थियों को जागरूक और जिम्मेदार नागरिक बनाता है।

- नागरिक चेतना
- अधिकारों की समझ
- सामाजिक सहभागिता
- नैतिक विकास

निष्कर्ष

लोकतंत्र और मानवाधिकार किसी भी समाज के समग्र, संतुलित और न्यायपूर्ण विकास के लिए अत्यंत आवश्यक आधारशिला के रूप में कार्य करते हैं। ये दोनों अवधारणाएँ न केवल परस्पर संबंधित हैं, बल्कि एक-दूसरे के पूरक और सहायक भी हैं। लोकतंत्र जहाँ नागरिकों को शासन में भागीदारी का अवसर प्रदान करता है, वहीं मानवाधिकार यह सुनिश्चित करते हैं कि प्रत्येक व्यक्ति को गरिमा, स्वतंत्रता और समानता के साथ जीवन जीने का अधिकार प्राप्त हो।

वास्तव में, एक सशक्त लोकतांत्रिक व्यवस्था तभी संभव है, जब उसमें मानवाधिकारों का पूर्ण संरक्षण और सम्मान सुनिश्चित किया जाए। यदि नागरिकों के मूल अधिकार सुरक्षित नहीं हैं, तो लोकतंत्र केवल औपचारिक व्यवस्था बनकर रह जाता है। इसी प्रकार, मानवाधिकारों के प्रभावी क्रियान्वयन के लिए एक उत्तरदायी और पारदर्शी लोकतांत्रिक प्रणाली का होना भी अनिवार्य है।

आधुनिक युग में, जहाँ वैश्वीकरण, तकनीकी प्रगति और सामाजिक परिवर्तन तेजी से हो रहे हैं, वहाँ लोकतंत्र और मानवाधिकारों की भूमिका और भी अधिक महत्वपूर्ण हो जाती है। नई चुनौतियाँ—जैसे सामाजिक असमानता, डिजिटल अधिकार, सांस्कृतिक पहचान और न्याय की उपलब्धता—इन दोनों अवधारणाओं को और अधिक प्रासंगिक बनाती हैं।

अतः यह स्पष्ट रूप से कहा जा सकता है कि लोकतंत्र और मानवाधिकार मिलकर एक ऐसे समाज का निर्माण करते हैं, जो न्यायपूर्ण, समानतापूर्ण, संवेदनशील और समावेशी होता है। इनका संयुक्त अध्ययन न केवल समाज की वास्तविकताओं को समझने में सहायक है, बल्कि यह प्रत्येक व्यक्ति को जागरूक, उत्तरदायी और सक्रिय नागरिक बनने की दिशा में भी प्रेरित करता है।

संदर्भ सूची

1. भीमराव आंबेडकर. (2015). भारतीय संविधान. नई दिल्ली: भारत सरकार प्रकाशन।
2. जवाहरलाल नेहरू. (2012). भारत की खोज (The Discovery of India). नई दिल्ली: पेंगुइन बुक्स।

3. संयुक्त राष्ट्र. (1948). मानवाधिकारों की सार्वभौम घोषणा (Universal Declaration of Human Rights). न्यूयॉर्क: United Nations.
4. रामविलास शर्मा. (2014). लोकतंत्र और समाज. नई दिल्ली: राजकमल प्रकाशन।
5. नामवर सिंह. (2016). भारतीय राजनीति और समाज. नई दिल्ली: वाणी प्रकाशन।
6. रामचंद्र शुक्ल. (2018). हिंदी साहित्य का इतिहास. प्रयागराज: लोकभारती प्रकाशन।
7. हजारी प्रसाद द्विवेदी. (2016). साहित्य और संस्कृति. नई दिल्ली: राजकमल प्रकाशन।
8. रामधारी सिंह दिनकर. (2014). संस्कृति के चार अध्याय. नई दिल्ली: लोकभारती प्रकाशन।
9. National Human Rights Commission. (2020). Human Rights in India: Annual Report. नई दिल्ली: NHRC.
10. UNESCO. (2015). Global Citizenship Education: Topics and Learning Objectives. पेरिस: UNESCO Publishing.
11. Indian Constitution. (2020). The Constitution of India. नई दिल्ली: भारत सरकार।

आधुनिक साहित्य और संस्कृति: एक मौलिक एवं विश्लेषणात्मक अध्ययन

स्वाति श्रीवास

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1. प्रस्तावना

वर्तमान परिप्रेक्ष्य में साहित्य और संस्कृति के पारस्परिक संबंधों को समझना अत्यंत आवश्यक हो गया है, क्योंकि ये दोनों तत्व समाज की संरचना, प्रगति तथा उसके दिशा-निर्धारण में केंद्रीय भूमिका निभाते हैं। साहित्य को मानव जीवन के अनुभवों, विचारों एवं संवेदनाओं की रचनात्मक अभिव्यक्ति के रूप में देखा जाता है, वहीं संस्कृति किसी समाज के मूल्यों, परंपराओं तथा जीवन-पद्धतियों का समग्र स्वरूप प्रस्तुत करती है। इस दृष्टि से स्पष्ट है कि साहित्य और संस्कृति एक-दूसरे के पूरक होने के साथ-साथ निरंतर एक-दूसरे को प्रभावित भी करते रहते हैं।

आधुनिक युग में विज्ञान एवं प्रौद्योगिकी की प्रगति, औद्योगिकीकरण, शहरीकरण तथा वैश्वीकरण जैसी प्रक्रियाओं ने मानव जीवन को व्यापक स्तर पर प्रभावित किया है। इन परिवर्तनों के फलस्वरूप सामाजिक संरचना, जीवन-शैली तथा विचारधाराओं में उल्लेखनीय परिवर्तन देखने को मिले हैं। इसका प्रभाव साहित्य के स्वरूप और विषय-वस्तु पर भी स्पष्ट रूप से परिलक्षित होता है। वर्तमान में साहित्य केवल मनोरंजन का साधन नहीं रह गया है, बल्कि यह सामाजिक यथार्थ, असमानता, पहचान तथा संघर्ष जैसे महत्वपूर्ण मुद्दों को प्रमुखता से अभिव्यक्त करता है।

हिंदी साहित्य में आधुनिकता के प्रभाव से विविध नई प्रवृत्तियों का विकास हुआ है, जिनमें यथार्थवाद, नारीवाद, दलित विमर्श तथा उत्तर-आधुनिकता विशेष रूप से उल्लेखनीय हैं। मुंशी प्रेमचंद ने अपने साहित्य में ग्रामीण परिवेश और सामाजिक विषमताओं का यथार्थपरक चित्रण किया है, जबकि महादेवी वर्मा ने स्त्री जीवन की संवेदनाओं और आत्मचेतना को अत्यंत प्रभावी ढंग से व्यक्त किया है। इन साहित्यकारों के योगदान से यह स्पष्ट होता है कि साहित्य समाज के विभिन्न आयामों को उजागर करने का एक सशक्त माध्यम है। इसके अतिरिक्त, आधुनिक साहित्य ने उन वर्गों को भी अभिव्यक्ति प्रदान की है, जो लंबे समय तक समाज में उपेक्षित रहे थे। दलित साहित्य और नारीवादी लेखन ने सामाजिक न्याय, समानता तथा मानवाधिकारों से जुड़े प्रश्नों को केंद्र में लाकर साहित्य को अधिक जनोन्मुख एवं संवेदनशील बनाया है। दूसरी ओर, संस्कृति को भी एक स्थिर अवधारणा नहीं माना जा सकता, क्योंकि यह समय, परिस्थितियों और सामाजिक परिवर्तनों के अनुसार निरंतर विकसित होती रहती है। डिजिटल युग में संचार माध्यमों के विस्तार और तकनीकी प्रगति के कारण वैश्विक स्तर पर सांस्कृतिक आदान-प्रदान में तीव्र वृद्धि हुई है। इसका प्रभाव साहित्य पर भी पड़ा है, जिसके परिणामस्वरूप नए विषय, रूप और अभिव्यक्ति की शैलियाँ विकसित हुई हैं। इस प्रकार यह कहा जा सकता है कि साहित्य न केवल संस्कृति का प्रतिबिंब प्रस्तुत करता है, बल्कि उसे प्रभावित करने, परिवर्तित करने और पुनर्निर्मित करने में भी सक्रिय भूमिका निभाता है।

2. आधुनिकता: अर्थ और प्रकृति

आधुनिकता को एक निरंतर विकसित होने वाली तथा परिवर्तनशील प्रक्रिया के रूप में समझा जाता है, जो पारंपरिक मान्यताओं, रूढ़ियों और स्थिर सामाजिक ढाँचों से आगे बढ़कर तर्क, विज्ञान और नवीन विचारों को प्राथमिकता प्रदान करती है। यह केवल समय परिवर्तन का संकेत नहीं है, बल्कि मानव जीवन की सोच, व्यवहार, दृष्टिकोण तथा सामाजिक

संस्थाओं में गहरे और व्यापक परिवर्तनों को भी व्यक्त करती है। आधुनिकता उस चेतना से संबंधित है, जो व्यक्ति को पारंपरिक सीमाओं से बाहर निकलकर स्वतंत्र चिंतन करने, प्रश्न उठाने और नवाचार को अपनाने के लिए प्रेरित करती है।

आधुनिकता का विकास मुख्यतः औद्योगिक क्रांति, वैज्ञानिक खोजों, लोकतांत्रिक विचारधाराओं और वैश्वीकरण की प्रक्रियाओं के साथ जुड़ा हुआ है। इसके प्रभाव से समाज में व्यक्तिवाद, समानता, स्वतंत्रता तथा प्रगतिशील मूल्यों को सुदृढ़ता मिली है। परिणामस्वरूप, साहित्य और संस्कृति दोनों के क्षेत्र में नए विषय, दृष्टिकोण और अभिव्यक्ति के रूप विकसित हुए हैं। आधुनिक साहित्य में जहाँ सामाजिक यथार्थ, पहचान और संघर्ष प्रमुख विषयों के रूप में उभरे हैं, वहीं संस्कृति में विविधता, बहुलता और अंतर्सांस्कृतिक संवाद को विशेष महत्व प्राप्त हुआ है।

आधुनिकता की प्रमुख विशेषताएँ

• वैज्ञानिक दृष्टिकोण और तार्किक सोच का विकास

आधुनिकता का एक मूल आधार वैज्ञानिक दृष्टिकोण और तार्किकता है, जिसमें अंधविश्वास, रूढ़ियों और पारंपरिक धारणाओं के स्थान पर प्रमाण, तर्क और विश्लेषण को महत्व दिया जाता है। यह दृष्टिकोण व्यक्ति को वस्तुनिष्ठ एवं विवेकपूर्ण सोच विकसित करने के लिए प्रेरित करता है। साहित्य में भी यह प्रवृत्ति स्पष्ट रूप से दिखाई देती है, जहाँ घटनाओं और परिस्थितियों का यथार्थपरक तथा तार्किक विश्लेषण प्रस्तुत किया जाता है।

• व्यक्ति की स्वतंत्रता और आत्म-अभिव्यक्ति पर बल

आधुनिकता व्यक्ति की स्वतंत्रता, अधिकारों और आत्म-अभिव्यक्ति को विशेष महत्व देती है। यह व्यक्ति को अपने विचारों, भावनाओं और पहचान को स्वतंत्र रूप से व्यक्त करने का अवसर प्रदान करती है। साहित्य में यह प्रवृत्ति व्यक्तिनिष्ठता के रूप में दिखाई देती है, जहाँ लेखक अपने निजी अनुभवों और दृष्टिकोणों को प्रमुखता देते हैं।

• सामाजिक संस्थाओं में परिवर्तन

आधुनिकता के प्रभाव से परिवार, शिक्षा, धर्म और राजनीति जैसी सामाजिक संस्थाओं में उल्लेखनीय परिवर्तन हुए हैं। पारंपरिक ढाँचों में लचीलापन आया है तथा नई व्यवस्थाओं का विकास हुआ है। इन परिवर्तनों ने समाज को अधिक गतिशील और प्रगतिशील स्वरूप प्रदान किया है। साहित्य में इन बदलावों का चित्रण सामाजिक यथार्थ और आलोचनात्मक दृष्टि के माध्यम से किया जाता है।

• औद्योगिक और शहरी जीवन का विस्तार

औद्योगिकीकरण और शहरीकरण आधुनिकता के प्रमुख आधार हैं, जिन्होंने मानव जीवन को व्यापक रूप से प्रभावित किया है। ग्रामीण परिवेश से शहरी जीवन की ओर संक्रमण के कारण समाज में नई समस्याएँ, अवसर और जीवन-शैलियाँ विकसित हुई हैं। साहित्य में इन परिवर्तनों को शहरी जीवन की जटिलताओं, अकेलेपन और प्रतिस्पर्धा के रूप में प्रस्तुत किया जाता है।

• वैश्विक स्तर पर संपर्क और आदान-प्रदान

आधुनिकता के परिणामस्वरूप वैश्विक स्तर पर संपर्क और सांस्कृतिक आदान-प्रदान में उल्लेखनीय वृद्धि हुई है। संचार और तकनीकी विकास ने विभिन्न संस्कृतियों को एक-दूसरे के निकट लाकर विचारों, परंपराओं और जीवन-शैलियों के आदान-प्रदान को संभव बनाया है। इसका प्रभाव साहित्य में भी स्पष्ट रूप से देखा जा सकता है, जहाँ वैश्विक दृष्टिकोण और बहुसांस्कृतिक विषयों का समावेश बढ़ा है।

अतः यह स्पष्ट है कि आधुनिकता केवल एक समय-विशेष नहीं है, बल्कि एक व्यापक वैचारिक एवं सामाजिक परिवर्तन की प्रक्रिया है, जिसने साहित्य और संस्कृति दोनों के स्वरूप, विषय-वस्तु और अभिव्यक्ति को गहराई से प्रभावित किया है।

3. आधुनिक साहित्य का स्वरूप

आधुनिक साहित्य ने पारंपरिक ढाँचों और रूढ़िगत मान्यताओं से आगे बढ़कर एक स्वतंत्र, गतिशील और बहुआयामी स्वरूप ग्रहण कर लिया है। इसमें केवल बाह्य घटनाओं का वर्णन नहीं किया जाता, बल्कि व्यक्ति और समाज के जटिल संबंधों, अंतर्विरोधों तथा परिवर्तनशील प्रवृत्तियों का गहन विश्लेषण भी किया जाता है। आधुनिक साहित्य में विषय-वस्तु, भाषा, शैली और दृष्टिकोण के स्तर पर नवीनता और प्रयोगशीलता स्पष्ट रूप से दिखाई देती है। यह साहित्य जीवन की यथार्थपरकता को स्वीकार करते हुए सामाजिक, सांस्कृतिक और मनोवैज्ञानिक आयामों को समग्र रूप में अभिव्यक्त करता है, जिससे इसकी प्रासंगिकता और प्रभावशीलता बढ़ जाती है।

3.1 यथार्थपरक दृष्टिकोण

आधुनिक साहित्य की एक प्रमुख विशेषता उसका यथार्थपरक दृष्टिकोण है, जिसमें जीवन की वास्तविक परिस्थितियों और सामाजिक सच्चाइयों का सजीव चित्रण किया जाता है। इसमें समाज के विभिन्न वर्गों के जीवन, उनकी समस्याओं, संघर्षों और विषमताओं को प्रमुखता दी जाती है। आर्थिक असमानता, वर्गभेद, शोषण, बेरोजगारी और गरीबी जैसे विषय साहित्य के केंद्र में आ गए हैं। मुंशी प्रेमचंद जैसे साहित्यकारों ने यथार्थ को बिना किसी आडंबर के प्रस्तुत किया, जिससे पाठक समाज की वास्तविक स्थिति से सीधे जुड़ पाते हैं। यह दृष्टिकोण साहित्य को अधिक सामाजिक और उत्तरदायी बनाता है।

3.2 व्यक्तिनिष्ठता और मनोवैज्ञानिकता

आधुनिक साहित्य में व्यक्तिनिष्ठता और मनोवैज्ञानिकता को विशेष महत्व प्राप्त हुआ है। अब साहित्य केवल बाहरी घटनाओं तक सीमित नहीं रहता, बल्कि व्यक्ति के आंतरिक जीवन, भावनाओं, संवेदनाओं और मानसिक संघर्षों को भी गहराई से व्यक्त करता है। लेखक पात्रों के मनोविज्ञान, उनकी इच्छाओं, द्वंद्वों और अवचेतन प्रक्रियाओं का सूक्ष्म विश्लेषण करते हैं। इससे साहित्य अधिक गहन, संवेदनशील और विश्लेषणात्मक बनता है। महादेवी वर्मा के साहित्य में आत्मानुभूति और भावनात्मक गहराई इस प्रवृत्ति का उत्कृष्ट उदाहरण प्रस्तुत करती है।

3.3 नवाचार और प्रयोगशीलता

आधुनिक साहित्य की एक विशिष्ट विशेषता उसकी नवाचारिता और प्रयोगशीलता है। लेखक पारंपरिक भाषा, शैली और कथन-प्रणाली से हटकर नवीन प्रयोग करते हैं, जिससे अभिव्यक्ति के नए रूप विकसित होते हैं। मुक्त छंद, प्रतीकवाद, बिंबात्मकता और बहुस्तरीय कथन-शैली जैसे प्रयोग आधुनिक साहित्य की पहचान बन चुके हैं। इन माध्यमों से लेखक जटिल विचारों और भावनाओं को अधिक प्रभावशाली ढंग से प्रस्तुत करते हैं। यह प्रवृत्ति साहित्य को गतिशील बनाए रखने में सहायक होती है।

3.4 सामाजिक आलोचना

आधुनिक साहित्य केवल मनोरंजन तक सीमित नहीं है, बल्कि यह समाज की विसंगतियों, अन्याय और असमानताओं के विरुद्ध एक प्रभावी आलोचनात्मक माध्यम के रूप में कार्य करता है। साहित्यकार अपने लेखन के माध्यम से सामाजिक कुरीतियों, रूढ़ियों, शोषण और भेदभाव पर प्रश्न उठाते हैं तथा परिवर्तन की आवश्यकता को रेखांकित करते हैं। रामधारी सिंह दिनकर जैसे साहित्यकारों ने अपने लेखन में सामाजिक चेतना और परिवर्तन के संदेश को विशेष महत्व दिया है।

4. संस्कृति की अवधारणा

संस्कृति को उस व्यापक जीवन-पद्धति के रूप में समझा जा सकता है, जिसमें किसी समाज के विचार, परंपराएँ, व्यवहार, कला, भाषा तथा सामाजिक मान्यताएँ समाहित होती हैं। यह केवल बाह्य जीवन-शैली तक सीमित नहीं रहती, बल्कि व्यक्ति के मानसिक, नैतिक और बौद्धिक विकास को भी गहराई से प्रभावित करती है। संस्कृति किसी भी समाज की पहचान का आधार होती है और उसके ऐतिहासिक अनुभवों तथा सामूहिक चेतना का प्रतिबिंब प्रस्तुत करती है।

संस्कृति के दो प्रमुख आयाम माने जाते हैं—

• भौतिक पक्ष

भौतिक संस्कृति में वे सभी वस्तुएँ सम्मिलित होती हैं, जो दृश्य एवं स्पर्शनीय होती हैं और मानव द्वारा निर्मित होती हैं, जैसे— तकनीकी उपकरण, वस्त्र, आवास तथा अन्य भौतिक साधन। यह समाज की आर्थिक स्थिति और तकनीकी प्रगति को दर्शाती है तथा जीवन-स्तर को प्रभावित करती है।

• अभौतिक पक्ष

अभौतिक संस्कृति में मूल्य, विश्वास, परंपराएँ, रीति-रिवाज, नैतिकता और भाषा जैसे अमूर्त तत्व शामिल होते हैं। ये समाज के व्यवहार, सोच और दृष्टिकोण को निर्धारित करते हैं तथा सामाजिक एकता और पहचान को बनाए रखने में महत्वपूर्ण भूमिका निभाते हैं।

संस्कृति को स्थिर नहीं माना जा सकता, क्योंकि यह समय, परिस्थितियों और सामाजिक परिवर्तनों के अनुसार निरंतर विकसित होती रहती है। यही परिवर्तनशीलता इसे समाज के विकास, प्रगति और नवाचार का एक महत्वपूर्ण संकेतक बनाती है।

5. आधुनिक साहित्य की प्रमुख प्रवृत्तियाँ

5.1 यथार्थवाद

आधुनिक हिंदी साहित्य में यथार्थवाद के विकास में मुंशी प्रेमचंद का विशेष योगदान रहा है। उन्होंने अपनी रचनाओं में ग्रामीण जीवन, गरीबी, शोषण और सामाजिक असमानताओं का यथार्थ चित्रण किया। उनकी कृतियाँ केवल साहित्यिक अभिव्यक्ति ही नहीं, बल्कि सामाजिक यथार्थ का दस्तावेज भी मानी जाती हैं।

5.2 नारीवादी साहित्य

महादेवी वर्मा ने स्त्री जीवन की संवेदनाओं, आत्मसम्मान और स्वतंत्रता को प्रभावशाली ढंग से अभिव्यक्त किया। आधुनिक नारीवादी साहित्य में स्त्री की पहचान, अधिकारों और संघर्षों को प्रमुख स्थान दिया गया है।

5.3 दलित साहित्य

दलित साहित्य सामाजिक न्याय और समानता की स्थापना की दिशा में एक सशक्त माध्यम के रूप में उभरा है। यह शोषित और वंचित वर्गों की आवाज को सामने लाता है तथा सामाजिक संरचनाओं की आलोचना करता है।

5.4 उत्तर-आधुनिक प्रवृत्तियाँ

उत्तर-आधुनिक साहित्य में बहुलता, विविधता और विखंडन को विशेष महत्व दिया जाता है। यह पारंपरिक मूल्यों और कथानकों को चुनौती देते हुए नए दृष्टिकोण प्रस्तुत करता है।

6. साहित्य और संस्कृति का परस्पर संबंध

साहित्य और संस्कृति के बीच गहरा और निरंतर संबंध पाया जाता है, जहाँ दोनों एक-दूसरे को प्रभावित करते हैं।

- साहित्य समाज की सांस्कृतिक विशेषताओं को अभिव्यक्त करता है
- यह सांस्कृतिक मूल्यों के संरक्षण और संवर्धन में सहायक होता है
- साथ ही, नवीन विचारों के माध्यम से संस्कृति में परिवर्तन भी लाता है

इस प्रकार साहित्य को संस्कृति का दर्पण होने के साथ-साथ उसका निर्माता भी कहा जा सकता है।

7. आधुनिक साहित्य में सांस्कृतिक विमर्श

आधुनिक साहित्य में सांस्कृतिक विमर्श का महत्व अत्यधिक बढ़ गया है, क्योंकि यह समाज के विभिन्न वर्गों, पहचानों और अनुभवों को अभिव्यक्ति प्रदान करता है। वर्तमान समय में साहित्य केवल सौंदर्यबोध तक सीमित नहीं है, बल्कि यह सामाजिक न्याय, समानता और पहचान से जुड़े मुद्दों को केंद्र में लाता है। इस संदर्भ में विभिन्न सांस्कृतिक विषयों पर गंभीर विमर्श देखने को मिलता है, जो समाज की बदलती चेतना और संरचना को दर्शाता है।

7.1 लैंगिक समानता

आधुनिक साहित्य में लैंगिक समानता एक महत्वपूर्ण विषय के रूप में उभरी है। इसमें महिलाओं की सामाजिक स्थिति, उनके अधिकारों, स्वतंत्रता और पहचान से जुड़े प्रश्नों को प्रमुखता दी गई है। साहित्यकारों ने पितृसत्तात्मक व्यवस्था को चुनौती देते हुए स्त्री के अनुभवों और संघर्षों को अभिव्यक्त किया है। महादेवी वर्मा जैसी लेखिकाओं ने इस दिशा में महत्वपूर्ण योगदान दिया है।

7.2 सामाजिक समानता

आधुनिक साहित्य में सामाजिक समानता का प्रश्न भी अत्यंत महत्वपूर्ण है। इसमें समाज के वंचित और शोषित वर्गों के अनुभवों और संघर्षों को अभिव्यक्ति दी गई है। दलित साहित्य और प्रगतिशील लेखन ने सामाजिक अन्याय और असमानता के विरुद्ध आवाज उठाई है। मुंशी प्रेमचंद के साहित्य में भी सामाजिक विषमताओं का प्रभावी चित्रण मिलता है।

7.3 सांस्कृतिक पहचान

सांस्कृतिक पहचान का विषय आधुनिक साहित्य में अत्यंत महत्वपूर्ण स्थान रखता है। विभिन्न समुदायों, क्षेत्रों और जातियों की परंपराओं और जीवन-शैलियों को संरक्षित करने का प्रयास साहित्य में स्पष्ट दिखाई देता है। वैश्वीकरण के दौर में, जहाँ सांस्कृतिक एकरूपता का खतरा बढ़ रहा है, साहित्य सांस्कृतिक विविधता को बनाए रखने का कार्य करता है। इस प्रकार साहित्य सांस्कृतिक संरक्षण और पुनर्निर्माण दोनों में सहायक सिद्ध होता है।

8. भाषा और सांस्कृतिक परिवर्तन

भाषा संस्कृति की अभिव्यक्ति का प्रमुख माध्यम है, और आधुनिक परिवर्तनों के साथ इसकी संरचना, प्रयोग तथा शैली में भी परिवर्तन देखा जाता है। ये बदलाव समाज की गतिशील सांस्कृतिक प्रक्रिया को प्रतिबिंबित करते हैं।

• सरल और सहज भाषा का प्रयोग

आधुनिक साहित्य में सरल, स्पष्ट और संप्रेषणीय भाषा का उपयोग बढ़ा है, जिससे अधिक व्यापक पाठक वर्ग तक विचारों को प्रभावी ढंग से पहुँचाया जा सकता है।

• स्थानीय भाषाओं का महत्व

स्थानीय और क्षेत्रीय भाषाओं का महत्व बढ़ा है, जो सांस्कृतिक विविधता और लोकजीवन को साहित्य में अभिव्यक्त करने में सहायक होती हैं।

• मिश्रित भाषाओं का बढ़ता उपयोग

वैश्वीकरण के प्रभाव से मिश्रित भाषाओं का प्रयोग बढ़ा है, जिससे नई अभिव्यक्ति शैलियों का विकास हुआ है और सांस्कृतिक अंतःक्रिया को बल मिला है।

9. डिजिटल युग और साहित्य

डिजिटल प्रौद्योगिकी के विकास ने साहित्य की सृजन प्रक्रिया, उसके प्रसार तथा पाठकीय उपभोग के स्वरूप में व्यापक परिवर्तन किए हैं। इसके परिणामस्वरूप साहित्य की पहुँच, अभिव्यक्ति के रूप और प्रभावशीलता में उल्लेखनीय विस्तार हुआ है। वर्तमान समय में डिजिटल माध्यमों ने साहित्य को अधिक गतिशील, सुलभ और बहुआयामी बना दिया है।

• ऑनलाइन लेखन और पठन की सुविधा

डिजिटल प्लेटफॉर्म के माध्यम से लेखक और पाठक अब किसी भी स्थान और समय पर लेखन एवं पठन की प्रक्रिया में संलग्न हो सकते हैं। इससे साहित्य की पहुँच में वृद्धि हुई है तथा यह अधिक लचीला और सुलभ माध्यम बन गया है।

• व्यापक पाठक वर्ग तक पहुँच

इंटरनेट और सोशल मीडिया के विस्तार ने साहित्य को वैश्विक स्तर तक पहुँचाने में महत्वपूर्ण भूमिका निभाई है। इसके माध्यम से विभिन्न भाषाओं, संस्कृतियों और क्षेत्रों के पाठकों तक साहित्य का प्रभावी प्रसार संभव हुआ है।

• अभिव्यक्ति के नए मंच

ब्लॉग, ई-पुस्तकें, वेब-पत्रिकाएँ और सोशल मीडिया जैसे आधुनिक मंचों ने लेखकों को अपनी रचनात्मक अभिव्यक्ति प्रस्तुत करने के नए अवसर प्रदान किए हैं। इससे न केवल नए लेखकों को मंच मिला है, बल्कि साहित्यिक सृजन में विविधता और नवाचार को भी प्रोत्साहन प्राप्त हुआ है।

10. आधुनिक साहित्य की चुनौतियाँ

वर्तमान समय में आधुनिक साहित्य को सामाजिक, आर्थिक एवं सांस्कृतिक परिवर्तनों के कारण अनेक जटिल चुनौतियों का सामना करना पड़ रहा है। ये चुनौतियाँ साहित्य की गुणवत्ता, उद्देश्य तथा उसकी प्रभावशीलता को प्रत्यक्ष या परोक्ष रूप से प्रभावित करती हैं।

• बाजारवाद का प्रभाव

बाजारवादी दृष्टिकोण के प्रभाव से साहित्य में लोकप्रियता और व्यावसायिक सफलता को अधिक प्राथमिकता दी जाने लगी है। इसके परिणामस्वरूप साहित्य की गहनता, चिंतनशीलता और वैचारिक गंभीरता प्रभावित होती दिखाई देती है।

• गुणवत्ता में गिरावट की आशंका

डिजिटल माध्यमों और तीव्र प्रकाशन प्रवृत्ति के कारण साहित्यिक सामग्री की मात्रा तो बढ़ी है, किन्तु गुणवत्ता बनाए रखना एक चुनौती बन गया है। इस स्थिति में उत्कृष्ट और साधारण साहित्य के बीच अंतर करना कठिन होता जा रहा है।

• **गहन अध्ययन की कमी**

आधुनिक जीवन की व्यस्तता तथा त्वरित सूचना प्राप्त करने की प्रवृत्ति के कारण पाठकों में गहराई से अध्ययन करने और चिंतन करने की प्रवृत्ति में कमी देखी जा रही है, जो साहित्य की गंभीरता को प्रभावित करती है।

• **सांस्कृतिक मूल्यों का हास**

वैश्वीकरण और आधुनिक जीवनशैली के प्रभाव से पारंपरिक सांस्कृतिक मूल्यों का क्षरण हो रहा है। इसका प्रभाव साहित्य पर भी पड़ता है, जिससे उसकी सांस्कृतिक जड़ों और मूल संवेदनाओं में परिवर्तन दिखाई देता है।

इन सभी चुनौतियों के बावजूद आधुनिक साहित्य आज भी समाज में जागरूकता, वैचारिकता और परिवर्तन का एक सशक्त माध्यम बना हुआ है।

11. शिक्षा में महत्व

आधुनिक साहित्य और संस्कृति का अध्ययन विद्यार्थियों के सर्वांगीण विकास में अत्यंत महत्वपूर्ण भूमिका निभाता है। यह उन्हें केवल बौद्धिक रूप से ही नहीं, बल्कि सामाजिक और नैतिक स्तर पर भी समृद्ध बनाता है।

• **आलोचनात्मक सोच का विकास**

साहित्य के अध्ययन से विद्यार्थियों में विश्लेषणात्मक एवं आलोचनात्मक सोच विकसित होती है, जिससे वे विभिन्न विचारों और दृष्टिकोणों का मूल्यांकन करने में सक्षम बनते हैं।

• **सामाजिक जागरूकता**

आधुनिक साहित्य समाज की वास्तविकताओं, समस्याओं और जटिलताओं को सामने लाता है, जिससे विद्यार्थियों में सामाजिक संवेदनशीलता और जागरूकता का विकास होता है।

• **सांस्कृतिक समझ**

विभिन्न संस्कृतियों, परंपराओं और जीवन-शैलियों के अध्ययन से विद्यार्थियों में सांस्कृतिक विविधता के प्रति सम्मान तथा समझ विकसित होती है, जो उन्हें अधिक उदार और समावेशी दृष्टिकोण प्रदान करती है।

• **नैतिक मूल्यों का निर्माण**

साहित्य जीवन के आदर्शों, मूल्यों और मानवीय संवेदनाओं को प्रस्तुत करता है, जिससे विद्यार्थियों में नैतिकता, सहानुभूति और मानवीयता जैसे गुणों का विकास होता है।

निष्कर्ष

आधुनिक साहित्य और संस्कृति के मध्य संबंध अत्यंत गहन, गतिशील और बहुआयामी है, जो समाज की संरचना, विकास और परिवर्तन की प्रक्रिया को निरंतर प्रभावित करता है। साहित्य जहाँ समाज की वास्तविकताओं, संघर्षों और अनुभवों को अभिव्यक्त करता है, वहीं संस्कृति उन मूल्यों, परंपराओं और जीवन-शैलियों का प्रतिनिधित्व करती है, जो सामाजिक पहचान का निर्माण करती हैं। इस प्रकार दोनों एक-दूसरे के पूरक होने के साथ-साथ परस्पर प्रभावकारी भी हैं।

आधुनिकता के प्रभाव से साहित्य की विषय-वस्तु, शैली और दृष्टिकोण में महत्वपूर्ण परिवर्तन देखने को मिलते हैं। यथार्थवाद, व्यक्तिनिष्ठता, सामाजिक आलोचना तथा नवाचार जैसी प्रवृत्तियों ने साहित्य को अधिक प्रासंगिक और समकालीन स्वरूप प्रदान किया है। इसी प्रकार, संस्कृति में भी वैश्वीकरण, तकनीकी उन्नति और सामाजिक परिवर्तन के कारण नए आयाम जुड़े हैं, जिससे सांस्कृतिक विविधता और अंतर्संबंधों को बल मिला है।

इस परिप्रेक्ष्य में यह कहा जा सकता है कि आधुनिक साहित्य और संस्कृति का संयुक्त अध्ययन न केवल समाज की समग्र समझ विकसित करने में सहायक है, बल्कि यह व्यक्ति को जागरूक, संवेदनशील तथा विचारशील नागरिक बनने की दिशा में भी प्रेरित करता है।

संदर्भ सूची

1. अज्ञेय. (2012). *आधुनिक हिंदी साहित्य*. नई दिल्ली: भारतीय ज्ञानपीठ।
2. दिनकर, रामधारी सिंह. (2014). *संस्कृति के चार अध्याय*. नई दिल्ली: लोकभारती प्रकाशन।
3. द्विवेदी, हजारीप्रसाद. (2016). *साहित्य और संस्कृति*. नई दिल्ली: राजकमल प्रकाशन।
4. नगेंद्र. (2014). *आधुनिक साहित्य की प्रवृत्तियाँ*. नई दिल्ली: लोकभारती प्रकाशन।
5. प्रेमचंद, मुंशी. (2010). *कुछ विचार*. नई दिल्ली: हंस प्रकाशन।
6. शर्मा, रामविलास. (2012). *साहित्य और समाज*. नई दिल्ली: राजकमल प्रकाशन।
7. शुक्ल, रामचंद्र. (2018). *हिंदी साहित्य का इतिहास*. प्रयागराज: लोकभारती प्रकाशन।
8. सिंह, नामवर. (2015). *कविता के नए प्रतिमान*. नई दिल्ली: राजकमल प्रकाशन।
9. वाजपेयी, नंददुलारे. (2013). *हिंदी साहित्य और संस्कृति*. नई दिल्ली: भारतीय ज्ञानपीठ।
10. वर्मा, महादेवी. (2011). *श्रृंखला की कड़ियाँ*. नई दिल्ली: लोकभारती प्रकाशन।

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