

Vision Viksit Bharat 2047: Reimagining India's Sustainable Development Through Strategic Sdg Integration

Dr. Marimuthu KN¹, Dr. K. Rajesh Kumar², Dr. K. Sujatha³,
Dr. K. Rajamannar⁴, Mr. K. Murugan⁵

¹Assistant Professor, Department of Management Studies, Manonmaniam Sundaranar University, Tirunelveli-627012, Tamil Nadu - India.

^{2,3}Professor, Department of Business Administration, Annamalai University, Chidambaram. Tamil Nadu-India.

⁴Assistant Professor, Department of Commerce Manonmaniam Sundaranar University, Tirunelveli-627012, Tamil Nadu-India.

⁵Research Scholar, Department of Management Studies, Manonmaniam Sundaranar University, Tirunelveli-627012, Tamil Nadu - India.

Abstract—The quest for India to evolve into a developed country by 2047, captured in the concept of Viksit Bharat, is a paradigm shift that emphasizes development through growth, inclusiveness, and sustainability. The present chapter seeks to assess the performance of India in fulfilling the UN Sustainable Development Goals and highlights its role in contributing to India's long-term national developmental goals. Based on secondary data sourced from both national and international sources, the study adopts a descriptive-analytical approach with trend and comparative analysis. According to the study's results, India has achieved notable success in poverty alleviation, digital financial inclusion, infrastructure development, and governance reforms. Nonetheless, problems such as environmental degradation, regional disparities, unemployment, and a lack of investment in research and development continue to pose limitations. This chapter offers a theoretical framework for the relationship between SDGs performance, digital transformation, and policy efficiency in Viksit Bharat 2047. The conclusion is that sustained and inclusive development needs multi-stakeholders' efforts, strong institutions, and innovative development strategies.

Index Terms—SDGs, Viksit Bharat 2047, Sustainable Development, Digital Governance, Inclusive Growth, India

I. INTRODUCTION

The development paradigm on the global stage has placed an increasing emphasis on sustainability as one of the major criteria for long-term economic and social success. The adoption of the 2030 Agenda for Sustainable Development became the starting point of a paradigm shift towards integrated approaches to development planning (United Nations, 2015). India, being one of the major emerging economies, has oriented its strategies of development towards the implementation of SDGs due to their significance. Vision of Viksit Bharat 2047 is a forward-thinking plan that seeks to transform India into a developed, inclusive, and sustainable country. It includes several aspects of development such as economy, social equality, technology, and environment (NITI Aayog, 2023).

Structural reform, demography, and innovation have determined India's way of developing into a prosperous economy. Indian government has taken advantage of digital innovations in order to optimize its governance systems and increase financial inclusion in the country (World Bank, 2022). However, in order to achieve the goal of sustainable development, some structural problems should be solved first. The present chapter attempts to provide an

analysis of India's development process in terms of SDGs' implementation.

II. BACKGROUND OF THE STUDY

The development history of India showcases the intricate relationships that exist among economic growth, social change, and environmental sustainability. After implementing its liberalization program in 1991, India has grown economically at an unprecedented pace and now ranks among the largest economies in the world (World Bank, 2023). The SDGs offer a holistic approach to tackling development issues in several respects. The Indian government has translated the SDGs into its national development agenda and tracks its progress via the SDG India Index (NITI Aayog, 2024). The Viksit Bharat 2047 vision builds on this model by focusing on:

- Achieving high-income economy status
- Becoming technologically advanced
- Fostering social inclusion
- Sustaining the environment

India's success in decreasing multidimensional poverty, promoting digital infrastructure, and providing basic services indicates the effectiveness of its policy responses (UNDP, 2023). Yet, issues like climate resilience, unemployment, and innovation remain challenging.

III. REVIEW OF LITERATURE

A significant number of studies have been carried out within the field of sustainable development with regard to emerging economies such as India. The relationship between economic growth, social inclusion, environmental sustainability, and governance has all been considered by various scholars in pursuit of policies that can lead to sustainable development.

A. Sustainable Development Theory

According to the works of the Brundtland Commission, sustainable development involves balancing economic growth and environmental protection (Brundtland Commission, 1987). More research has been conducted on the topic, expanding it further to include social equality and good governance (Sachs et al., 2021). The idea of capability, developed

by Sen (1999), underscores the need to increase the human freedom and capacity as an essential component of development. This idea is similar to what is reflected in the SDGs.

B. SDG Implementation: Global Evidence

The empirical evidence shows that nations which have good institutions, effective governance, and advanced technology have fared better in their SDG implementations (OECD, 2022). Developed nations have capitalized on innovations and technology to promote sustainability, but developing countries encounter hurdles due to their limited resources and poor institutions (UNDP, 2023). Sachs et al. (2021) have concluded through their research that SDGs will be attained through concerted cooperation among different sectors, such as governments, private entities, and civil society organizations. The inclusion of SDGs in planning processes is seen as an important success factor.

C. India's Development Progress

India has achieved considerable success in poverty alleviation, healthcare services, and education (UNDP, 2023). Digital public infrastructure has helped enhance the provision of various services as well as promote financial inclusion (World Bank, 2022). The connection between economic growth and sustainable development is one of those concepts that have raised numerous discussions. Economic growth is important as an instrument for poverty alleviation, although it needs to be sustainable and equitable (Stiglitz, 2019). Researches of Banerjee and Duflo (2011) show that targeted measures play a key role in improving the conditions for people from poor backgrounds. In regard to India, Dreze and Sen (2013) argue that appropriate public policies should address inequalities and improve social aspects. Recent research proves that economic growth has a significant positive impact on poverty alleviation; however, some regional differences exist (World Bank, 2023).

D. Digital Transformation and Governance

Digital transformation is one of the key factors that contribute to sustainable development. The use of digital public infrastructure has led to efficient and effective governance and better delivery of services (World Bank, 2022). Kumar & Bansal (2022) state that digital instruments can help address accessibility

problems and enhance financial inclusion. India's digital infrastructure, such as payment and identity systems, is considered an example of inclusive development for all countries worldwide. Nevertheless, the problem of the digital divide still persists.

E. Environmental Sustainability Challenges

Environmental issues in India are numerous and include climate change, pollution, and resource exhaustion (Sachs et al., 2021). It is important to tackle these issues to ensure sustainable development. Environmental sustainability is one of the components of the SDGs. There are studies that show the increased role of climate change in affecting economies and societies, especially developing nations (IPCC, 2022). In this regard, Stern (2007) underscores the economic consequences of ignoring climate change and the necessity of policy intervention. There are many environmental issues in India such as air pollution, lack of water resources, and biodiversity loss that threaten sustainable development (Sharma & Jain, 2022). The shift towards renewable and sustainable practices is crucial to ensuring environmental sustainability.

F. Human Capital Development and Social Inclusion

The development of human capital is essential in promoting sustainable development. The development of education, healthcare, and skills is vital for increasing production and growth (UNESCO, 2022). There are findings that suggest that human capital investments contribute to improved development outcomes. Gender equality and social inclusion are other essential elements in sustainable development. It has been shown that gender equality and social inclusion are important for growth and stability (UNICEF, 2023).

G. Institutional and Governance Frameworks

Institutional capacity and governance are essential parts of the process of achieving the SDGs. According to Acemoglu and Robinson (2012), inclusive institutions are necessary for making sure that the economy succeeds. Institutions contribute to policy enforcement and accountability and transparency. For example, NITI Aayog has contributed significantly to the implementation and evaluation of SDGs by means of the SDG India Index (NITI Aayog, 2024).

Nevertheless, issues arise in enforcing policies within all states of India.

H. Innovation and Technological Advancement

Innovation has an important part to play in ensuring sustainability and development. Competitiveness and innovation are key factors for economic growth as evidenced by the works of Porter (1990). More attention has been paid to the significance of research and development for efficiency and competitiveness. India faces the problem of low investment in research and development which is a serious barrier to the development of the country's knowledge economy.

I. Research Gap

Although there is a lot of literature available on the subject, certain knowledge gaps exist:

- Adequate linkage between SDGs and national visions like Viksit Bharat 2047
- Absence of an overall data-driven analysis between economy, society, and environment
- Absence of policy-oriented studies

This study seeks to fill these gaps by conducting an analysis of the performance of SDGs and their implications for India's future development.

J. Conceptual Framework

The current research offers a conceptual model that establishes the connection between the following variables: SDGs performance, which is gauged using various indicators, such as poverty, education, and health care; Digital transformation, which ensures the efficiency of governance and service delivery; Effectiveness of policies that determine their successful implementation; and Development results, which are the steps towards Viksit Bharat 2047.



It is important to note that the SDGs performance is influenced by digital transformation and effectiveness of policies that lead to sustainable development outcomes.

IV. OBJECTIVES OF THE STUDY

- To analyze India’s progress toward SDGs
- To examine the alignment between SDGs and Viksit Bharat 2047
- To evaluate key development indicators
- To identify challenges and policy implications

V. RESEARCH METHODOLOGY

Research Design is descriptive and analytical. Data Sources are secondary sources such as NITI Aayog, World Bank, UNDP. Research is also applied through Tools such as trend analysis, comparative analysis. Research Limitations include data limitations, absence of primary verification.

VI. ANALYSIS AND INTERPRETATION

India's achievement in all SDGs portrays a mixed but improving picture, where economic and social indicators have done well, whereas there are fewer successes on the environment front.

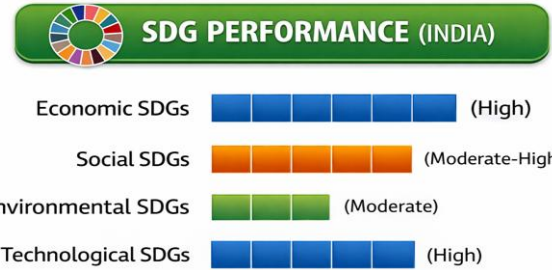
6.1 SDG Performance Trend Analysis

India's SDG Index score increased from 66 to 71 during 2020-2024, showing consistent improvement in multiple parameters (The United Nations in India). Nonetheless, comparison against global performance indicates that the SDG score of India ranges at 67 with the position at ~99 globally (SDG Index Dashboards).

Table 1: India’s SDG Progress (Recent Trends)

Indicator	2018	2020	2024	Interpretation
SDG Index Score	57	66	71	Consistent improvement
Poverty Rate (%)	~27	~10	~5.3	Major reduction
Life Expectancy	69	70	72	Health improvements
Financial Inclusion (%)	53	78	>85	Digital expansion
Internet Users (%)	30	50	~65	Digital penetration

India’s economic development is characterized by fast poverty reduction and digital inclusion. Nevertheless, gains in health and education have been slow (World Bank Open Data).



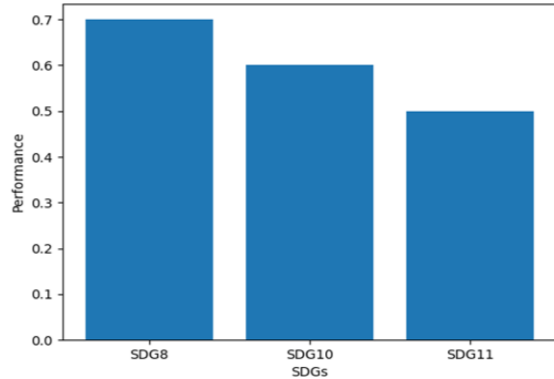
6.2 Economic Development Analysis

Indian economic growth plays an important role in achieving SDGs. Economic growth through infrastructure, industry, and service development has increased the efficiency of production and created jobs.

Table 2: Economic Indicators and SDG Linkages

Indicator	Latest Value	SDG Link	Insight
GDP Growth	~6–7%	SDG 8	Stable growth
Poverty Rate	5.3%	SDG 1	Strong decline
Bank Account Ownership	>80%	SDG 9	Financial inclusion
Employment	Moderate	SDG 8	Informal sector challenge

Poverty has greatly reduced in India along with the improvement in financial inclusion, where only 5.3% of the population lives below the poverty line based on the PPP measure (World Bank Open Data). Still, there is the issue of job quality and income inequality.



6.3 Social Development Analysis

Social Indicators show progress in Education, Health, and Women empowerment even though inequalities exist among various states.

Table-3 Social Indicators Performance

Indicator	Status	Trend	Indicator
Literacy Rate	Improving	Moderate	Literacy Rate
Life Expectancy	72 years	Increasing	Life Expectancy
Gender Equality	Moderate	Slow progress	Gender Equality
Healthcare Access	Expanding	Positive	Healthcare Access

Table-4 SDG Trend Data

Year	SDG Index Score	Poverty Rate (%)	Life Expectancy	Financial Inclusion (%)	Internet Users (%)
2018	57	27	69	53	30
2020	66	10	70	78	50
2024	71	5.3	72	85	65

Various Government programs have been initiated to improve health and educational outcomes; however, gender equality and nutritional aspects need more effort (The United Nations in India).

SDG Progress Trend (2018-2024)



6.4 Environmental Sustainability Analysis

Sustainability is the least strength that India possesses. This can be seen from the table below.

Table 5: Environmental Indicators

Indicator	Status	Challenge
CO ₂ Emissions	Rising	Industrialization
Air Pollution (PM2.5)	High	Urbanization
Renewable Energy	Increasing	Transition pace
Biodiversity	Declining	Habitat loss

India faces enormous environmental threats due to increased urbanization and industrialization.

6.5 Digital Transformation Analysis

Digital infrastructure has become a cornerstone of India's development strategy.

Table 6: Digital Economy Indicators

Indicator	Status	Impact
UPI Transactions	High growth	Financial inclusion
Aadhaar Coverage	Near universal	Governance
Internet Access	Expanding	Digital economy
DBT Transfers	Efficient	Welfare delivery

Digitization has greatly increased efficiency and inclusivity in governance, thereby making India a frontrunner in terms of digital infrastructure.

VII. FINDINGS AND DISCUSSIONS

According to the results of this research, India has made remarkable progress in achieving SDGs, especially concerning reducing poverty, fostering financial inclusivity, and establishing digital governance. The poverty rate dropped from close to 27% to 5.3%, which indicates the success of welfare programs and inclusive policy-making. At the same time, the improvement in the SDG Index score reflects

better governance and institutional capabilities. Nevertheless, the research highlights certain structural issues that require addressing. There exist notable regional differences, as some regions perform better than others owing to disparities in governance capabilities, infrastructure, and socio-economic development. Environmental sustainability appears to be an urgent problem, as the economic development of industries has resulted in environmental degradation. Another critical finding pertains to the transformational power of digital infrastructure. The use of digital infrastructure in India has helped deliver services effectively, reduce leakages, and promote financial inclusion. However, India continues to encounter obstacles in generating employment opportunities, fostering innovation, and developing its human capital.

On a general note, the results indicate that even though India is moving in a promising direction, meeting the target of Viksit Bharat 2047 necessitates overcoming the challenges being faced by adopting strategic policies.

VIII. CHALLENGES IN ACHIEVING SDGS AND VIKSIT BHARAT 2047

However, despite making remarkable strides, India's journey towards the fulfillment of SDGs and Viksit Bharat 2047 is marked by various challenges.

8.1 Economic Challenges:

- **Uneven Growth and Income Inequality**
Although there has been strong GDP growth in India, the gains from economic growth have not been equally shared. Disparities in income levels exist between those residing in rural versus urban areas and across different states. There is too much reliance on the informal sector in terms of incomes and social security.

- **Employment and Jobless Growth**
India is facing the problem of "jobless growth" whereby economic growth is not necessarily matched by job creation. Unemployment and underemployment, especially for youth and university-educated workers, are major issues in India.

- **Low Investment in Innovation and R&D**
India's spending on research and development amounts to less than 1% of its GDP. This compares

poorly with more developed countries, hampering technological advances and global competitiveness in lucrative sectors.

8.2 Social Challenges:

- **Regional Disparities**
There are marked differences between various states in India in terms of the state of their health care, educational institutions, infrastructures, and average income levels.

- **Education and Skill Gaps**
The improvement in access to education has been significant, but quality continues to be an important problem. Poor quality of education with regard to the needs of industries results in unemployment as well as underproductivity.

- **Gender Inequality and Social Inclusion**
Gender-based discrimination in participation in the labor market, salaries, and managerial positions has persisted despite policy measures. Discriminated social groups still lack access to resources and opportunities.

8.3 Environmental Challenges:

- **Climate Change Vulnerability**
Climate change has severe impacts on India in terms of natural catastrophes, increased heat, droughts, and other factors. All those problems significantly impact the agricultural sector and economic security.

- **Pollution and Resource Depletion**
Urbanization and industrialization lead to environmental problems through air and water pollution. Moreover, environmental sustainability faces serious threats from resource exhaustion and overconsumption.

- **Energy Transition Constraints**
Renewable sources of energy continue to gain momentum, but the transition process is hindered by different problems.

8.4 Institutional and Governance Challenges:

- **Policy Implementation Gaps**
While policies are well-designed, implementation remains inconsistent across regions due to administrative inefficiencies and lack of coordination among stakeholders.

- **Data Gaps and Monitoring Issues**
The availability of accurate and relevant data concerning the SDGs constitutes a problem that

impacts not only the measurement and assessment of the SDGs but also evidence-based policymaking.

- Federal Coordination Issues

Considering India's federal system, the coordination between the central government and state governments becomes essential; and differences in capacities influence the accomplishments of the SDGs.

8.5 Technological and Digital Challenges:

- Digital Divide

Though the IT infrastructure of India has significantly improved over time, concerns related to accessibility and digital literacy persist.

- Cyber-security and Data Privacy Concerns

In light of the rising relevance of digital governance, problems like data protection, cybersecurity, and digital trust arise.

IX. POLICY IMPLICATIONS FOR SUSTAINABLE DEVELOPMENT AND VIKSIT BHARAT 2047

Such challenges must be adequately addressed by formulating a policy framework.

9.1 Economic Policy Implications:

- Inclusive Growth Strategies

Policy makers need to come up with policies that will help reduce inequality by focusing on initiatives such as rural development, development of MSMEs, and social protection programs.

- Employment-Centric Growth

Development of the formal sector is important in improving employment security.

- Innovation and R&D Investment

Labor-intensive sectors, entrepreneurship and skill development programs can be used to solve problems of unemployment and enhance productivity. Research and development are key to innovation and competitiveness.

9.2 Social Policy Implications:

- Strengthening Education Systems

Enhancing the quality of education via curricular changes, teachers' training, and learning through digital means can boost human capital formation.

- Promoting Gender Equality

Efforts must be made to raise the rate of employment for women workers and ensure equal pay.

- Reducing Regional Disparities

Investments in lagging regions will ensure balanced development.

9.3 Environmental Policy Implications:

- Accelerating Green Transition

For India to succeed in its climate agenda, the country needs to make more investments towards renewable energy, energy efficiency, and sustainable infrastructure.

- Strengthening Environmental Regulations

The country should ensure that there is effective implementation of laws that will promote sustainability practices.

- Climate Adaptation Strategies

It should invest in developing agriculture, water management, and disaster risk preparedness strategies.

9.4 Governance and Institutional Implications:

- Enhancing Policy Implementation

The efficiency of such policies could be enhanced through capacity building, better coordination, and using technology.

- Data-Driven Governance

Effective information systems would be essential as these will make monitoring and evaluation possible, thus aiding decision-making process and accountability.

- Strengthening Federal Cooperation

An effective mechanism of cooperation between national and regional governments will be critical for ensuring balanced development throughout all regions.

9.5 Technological Policy Implications:

- Bridging the Digital Divide

The enhancement of digital infrastructure and digital literacy are crucial to the process of ensuring inclusion as far as technology is concerned.

- Leveraging Digital Public Infrastructure

Scalability of digital applications in governance, healthcare, and education would help improve efficiency and inclusiveness.

- Ensuring Cyber-security

Cyber security and data protection are critical factors for continued growth in the digital age.

To conclude, from the examination of the problems and policy implications, it becomes evident that sustainable development is a complicated and interactive process that consists of interrelated processes and factors. Economic growth alone will not help achieve the SDGs but will have to be combined with social inclusiveness, environmental protection, and good governance. Examples from India show that innovative policymaking and advances in technology contribute greatly to the success of development. On the other hand, there is still much that must be done and improved regarding the structural factors. Fortunately, compatibility of the SDGs and the Viksit Bharat 2047 initiative open up excellent opportunities for the convergence of global and local interests in development. The implementation of the Viksit Bharat 2047 vision depends on India's ability to deal with the problems associated with its development and maintain economic development and social justice at the same time. An innovative model involving growth, sustainability, and governance needs to be followed. Building institutional capacity, developing better information systems, and promoting private-public collaborations will add value to this. Lastly, India's development model may well serve as an example to other countries aspiring for sustainable development.

X. SUGGESTIONS

For quick movement towards sustainable development, the below policy suggestions can be put forward:

- Strengthening Innovation Ecosystem

India should ramp up investments in R&D activities to at least 2-3% of its GDP to promote innovation-led growth. There is a need for better cooperation among academics, industry, and government.

- Enhancing Environmental Governance

Environmental policies, renewable energy, and sustainable urban planning are necessary to tackle climate change issues.

- Promoting Inclusive Growth

There should be a focus on minimizing regional imbalances with the help of investments in underdeveloped areas.

- Improving Human Capital

Investment in education, health services, and skills development is very important for sustained growth.

- Leveraging Digital Transformation

Improved digital connectivity in rural India is necessary.

- Strengthening Institutional Capacity

Transparency, accountability, and evidence-based policymaking are key components of good governance.

XI. CONCLUSION

The development story of India, in relation to attaining SDGs and realizing Viksit Bharat 2047, is a journey towards sustainable and holistic development. The nation has witnessed remarkable improvements in economic performance, poverty levels, and digitalization of processes. Such outcomes show the strength of the policies adopted and institutional structures employed. However, there is still more work to do before India becomes a developed nation. Sustainable use of natural resources, regional differences, and innovation gaps form major barriers on the way to achieving such an ambitious goal. The connection between the SDGs and Viksit Bharat serves as an excellent basis for pursuing sustainable development in all spheres. Through sustained efforts, India will definitely become a role model of development.

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