IJCRT.ORG ISSN : 2320-2882

INTERNATIONAL JOURNAL OF CREATIVE RESEARCH THOUGHTS (IJCRT)

An International Open Access, Peer-reviewed, Refereed Journal

Sustainability And ESG Reporting In NIFTY 50 Companies: An Analytical Perspective

[1] Vimala.S [2] Saranes M [3] Dharani M [4] Archana Bharathi S [5] Gayathri.M

[1]Assistant Professor, Faculty of Management Sciences,
Knowledge Institute of Technology, Tamil Nadu, India.

[2,3,4,5]Student of MBA, Knowledge Institute of Technology, Tamil Nadu,India.

Abstract

This study investigates the status of Environmental, Social, and Governance (ESG) reporting practices among companies listed on the Nifty 50 index. As sustainability and responsible corporate behavior gain prominence globally, Indian companies are increasingly integrating ESG considerations into their business strategies and disclosure frameworks. The research aims to assess the extent of ESG reporting, evaluate adherence to global sustainability standards, and identify the challenges faced by Nifty 50 firms in achieving comprehensive and transparent disclosures. Using secondary data from company reports, sustainability disclosures, and regulatory filings, the study provides an analytical overview of emerging trends in ESG reporting. Findings highlight varying levels of ESG integration, with some firms adopting global frameworks such as GRI and BRSR, while others exhibit limited or inconsistent reporting practices. The study underscores the growing importance of ESG transparency in enhancing corporate reputation, investor confidence, and long-term value creation, offering insights for policymakers, regulators, and business leaders in strengthening India's sustainability landscape.

Keywords:

ESG Reporting, Nifty 50 Companies, Corporate Governance, Responsible Business Practices, Sustainable Development.

JEL Code: G10, G11

Introduction

In recent years, the global corporate landscape has witnessed a significant transformation driven by the growing emphasis on sustainability and Environmental, Social, and Governance (ESG) considerations. Businesses are increasingly being evaluated not only on their financial performance but also on their ethical, social, and environmental responsibilities. ESG reporting has emerged as a vital instrument that enables companies to communicate their sustainability initiatives, governance structures, and social impact to stakeholders in a transparent and standardized manner. In India, this shift toward sustainability reporting has gained considerable momentum, especially among leading corporations listed on the Nifty 50 index. These companies represent the most influential segment of the Indian capital market and serve as benchmarks for corporate governance and responsible business conduct. The introduction of frameworks such as the Global Reporting Initiative (GRI) and the Business Responsibility and Sustainability Report (BRSR) by the Securities and Exchange Board of India (SEBI) has strengthened the institutional foundation for ESG disclosures. These frameworks encourage companies to align their operations with international sustainability standards and national priorities such as the UN Sustainable Development Goals (SDGs) and the National Guidelines on Responsible Business Conduct (NGRBC).Despite this progress, variations persist in the depth, quality, and consistency of ESG disclosures across Indian firms. While some Nifty 50 companies demonstrate advanced sustainability integration and comprehensive ESG reporting, others remain at an early stage of compliance, often limited to regulatory requirements. This divergence underscores the need for analytical evaluation of ESG practices to understand the maturity of corporate sustainability in India.

This study aims to examine the current status of ESG reporting among Nifty 50 companies, assess their adherence to global standards, and identify challenges that hinder effective implementation. By providing an evidence-based analysis, the paper seeks to contribute to the ongoing discourse on sustainable corporate governance and highlight pathways for enhancing ESG transparency and accountability in India's corporate sector.

ESG Reporting Standards by SEBI

The Securities and Exchange Board of India (SEBI) has progressively advanced ESG reporting standards to strengthen sustainable finance and corporate transparency in India. Building upon the earlier Business Responsibility and Sustainability Report (BRSR) framework for equity-listed firms, SEBI has now expanded ESG disclosure norms to the debt market through its 2025 framework for ESG Debt Securities. This framework covers instruments such as social bonds, sustainability bonds, and sustainability-linked bonds, supplementing the existing category of green bonds. Under the circular issued on June 5, 2025, SEBI mandates that issuers of ESG-labelled debt securities adhere to internationally recognized frameworks such as the International Capital Market Association (ICMA) Principles, Climate Bonds Standard, ASEAN Standards, and EU Taxonomy, while adapting them to Indian requirements. The guidelines prescribe detailed disclosure obligations, third-party certification, and continuous post-listing reporting to ensure that funds are genuinely directed toward environmental and social objectives, thereby preventing "purpose-washing." Through these initiatives, SEBI aims to promote transparency, comparability, and accountability in ESG-related financing, reinforcing India's commitment to sustainable and responsible market development.

Literature Review

Dr. Ashish Patel and Dr. Priyanka Singh ,2025 systematically assesses the current status of ESG reporting among India's Nifty 50 companies, highlighting their response to the global pressure for sustainability and disclosure. The study aims to comprehensively analyze the disclosure landscape, likely finding significant sectoral disparities, with less polluting sectors having simpler "E" disclosures than heavy industries facing complex environmental and social risks. Key challenges identified include difficulties in standardizing non-financial metrics, combating 'greenwashing,' and integrating ESG from mere compliance into core business strategy. The paper's ultimate value lies in establishing a crucial benchmark for India's leading corporations, underscoring how robust, authentic ESG reporting is vital for long-term benefits such as securing capital and enhancing corporate reputation.

Bharti Deshpande,Ranjith Kumar,2024. Performance Through The ESG Lens: A Review Of Sustainable Reporting In Nifty Companies **.**The systematic review highlights that ESG reporting positively influences corporate performance among Nifty 50 firms, boosting financial outcomes, brand reputation, and stakeholder engagement. Companies with strong, transparent ESG practices benefit from increased investor confidence, heightened brand loyalty, and improved employee motivation. However, the impact varies by industry, with sectors facing environmental scrutiny needing greater investment to balance compliance and profitability. Crucially, the quality and accuracy of reports are essential; extensive reports have positive outcomes, while low-quality or fake reports ('greenwashing') harm confidence and brand image. Regulatory oversight, such as that by SEBI, is vital for raising standards and ensuring compliance.

Bharti Deshpande,Ranjith Kumar. S Performance Through the ESG Lens: A Review of Sustainable Reporting in Nifty Companies,2024 . The purpose of this systematic review is to analyse the associations between Environmental, Social, and Governance (ESG) reporting and firm performance, in the context of selected Nifty 50 firms of India. Since ESG practices gain more value for all the stakeholders such as investors, customers, and government, organizations need to implement proper disclosure systems for them to remain relevant. This review aims at employing a literature review to synthesize the available literature that explains how ESG reporting affects the financial performance, brand image, and stakeholders' relations in organisations in various industries of the Nifty 50. The work also considers in discussing the challenges that firms experience in managing and reporting on ESG disclosures and policies, especially as regulation undergoes changes like those imposed by SEBI. This study shows how to measure the sign and magnitude of ESG effect on corporate performance such that firms seeking to improve their sustainability effort and sustain long term business success this research provides relevant information. The research findings enhance the understanding of how companies can implement successful ESG reporting and how they can both benefit society and have sustainable business returns to inform future corporate and investment decision making.

Research Methodology

The current study employs a research design that utilizes secondary data, drawing on a sample of 50 major Indian firms. The core methodology involves evaluating each company's Environmental, Social, and Governance (ESG) performance using the proprietary ESG score provided by CRISIL (Credit Rating Information Services of India Limited), with the scores sourced directly from the CRISIL website. Complementing this, the study uses financial data, which is sourced from the ACE Equity database and collected from the official website of the NSE (National Stock Exchange), establishing a direct link between the externally assessed sustainability performance and verifiable financial metrics for the chosen sample of Nifty 50 companies.

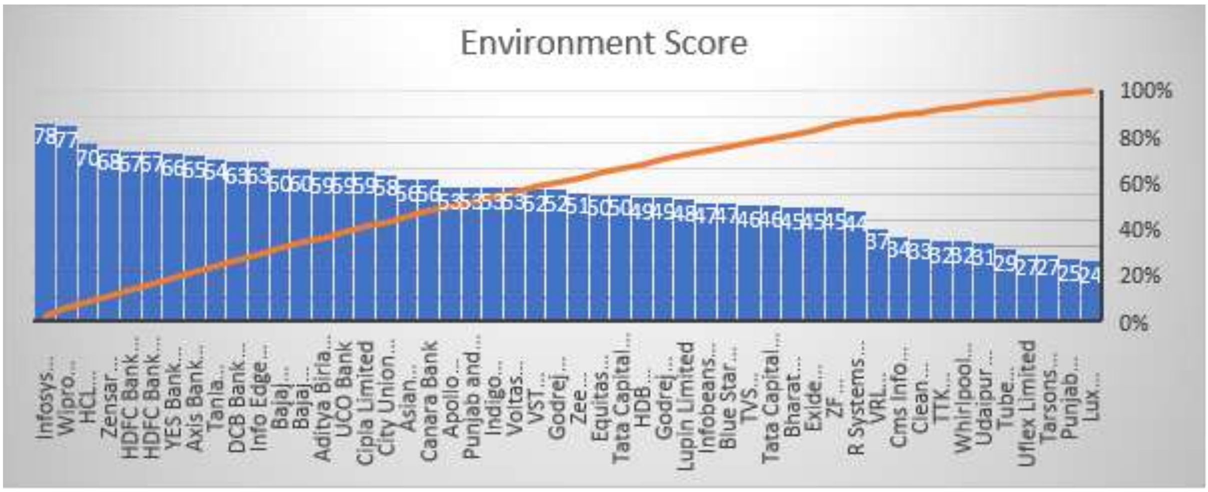
Data Analysis and Interpretation

Table: 1 ESG Score of Nifty 50 companies

S No	Company Name	Environment	Social	Governance	ESG Score
1	Aditya Birla Capital Limited	59	58	71	63
2	Apollo Tyres Limited	53	65	67	62
3	Asian Paints Limited	56	57	77	66
4	Axis Bank Limited	65	58	77	68
5	Bajaj Finserv Limited	60	64	67	64
6	Bajaj Finserv Limited (dup)	60	64	67	64
7	Bharat Heavy Electricals Limited	45	63	58	55
8	Blue Star Limited	47	61	63	57
9	Canara Bank	56	67	69	64
10	Cipla Limited	59	54	75	64
11	City Union Bank Limited	58	60	78	66
12	Clean Science & Technology Limited	33	50	65	50
13	Cms Info Systems Limited	34	54	69	53
14	DCB Bank Limited	63	55	71	66
15	Equitas Small Finance Bank Limited	50	63	78	65
16	Exide Industries Limited	45	55	72	58
17	Godrej Consumer Products Limited	49	54	73	60
18	Godrej Industries Limited	52	50	69	58
19	HCL Technologies Limited	70	66	79	73
20	HDB Financial Services Limited	49	43	73	57
21	HDFC Bank Limited	67	65	79	71
22	HDFC Bank Limited (dup)	67	65	79	71
23	Indigo Paints Limited	53	46	69	58
24	Info Edge (India) Limited	63	63	64	63
25	Infobeans Technologies Limited	47	52	68	57
26	Infosys Limited	78	69	81	77

27	Lupin Limited	48	43	67	53
28	Lux Industries Limited	24	37	66	44
29	Punjab and Sind Bank	53	58	54	55
30	Punjab Chemicals and Crop Protection Limited	25	54	67	49
31	R Systems International Limited	44	49	65	54
32	Tanla Platforms Limited	64	57	69	64
33	Tarsons Products Limited	27	36	66	45
34	Tata Capital Housing Finance Limited	46	42	68	54
35	Tata Capital Limited	50	43	67	55
36	TTK Prestige Limited	32	46	66	58
37	Tube Investments Of India Limited	29	35	69	56
38	TVS Holdings Limited	46	55	65	56
39	UCO Bank	59	61	64	62
40	Udaipur Cement Works Limited	31	52	69	52
41	Uflex Limited	27	37	64	44
42	Voltas Limited	53	54	71	61
43	VRL Logistics Limited	37	43	67	51
44	VST Industries Limited	52	31	68	53
45	Whirlpool of India Limited	32	42	69	49
46	Wipro Limited	77	69	75	74
47	YES Bank Limited	66	58	70	66
48	Zee Entertainment Enterprises Limited	51	58	62	57
49	Zensar Technologies Limited	68	65	71	69
50	ZF Commercial Vehicle Control Systems India Limited	45	54	81	60

Environment score - Chart 1



Interpretation

The chart presents the Environment Scores of various companies arranged from highest to lowest, with a cumulative percentage line (Pareto curve). A few key observations emerge:

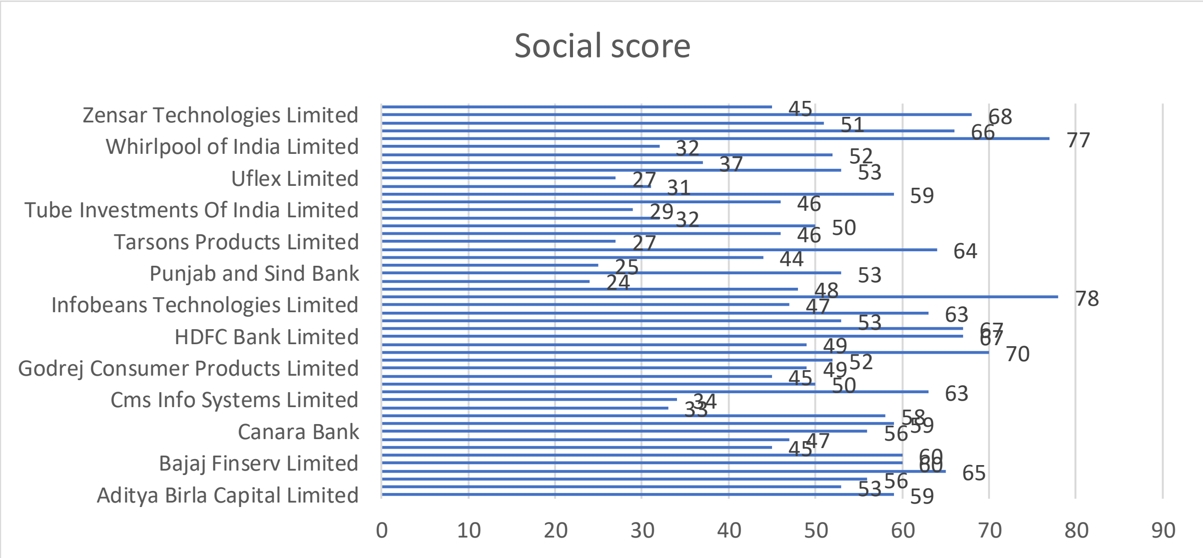
Infosys Limited and Wipro Limited emerge as the top performers with very high environment scores, indicating strong environmental management systems, energy efficiency initiatives, emission control, and sustainability reporting.

- Wide variation in performance: Environment scores range from the high 70s to the low 20s, indicating significant differences in how companies manage environmental factors such as emissions, resource use, and sustainability initiatives.

- Leaders at the top: Companies on the left side of the chart demonstrate strong environmental performance, reflecting better policies, practices, and compliance related to environmental responsibility.
- Gradual decline across firms: As we move from left to right, scores steadily decrease, showing that many firms fall into a moderate performance category, with scope for improvement.
- Lagging performers: Companies at the right end have low environment scores, suggesting weaker environmental practices or higher exposure to environmental risks.
- Cumulative insight: The orange cumulative line shows that a relatively small number of top-performing companies contribute a large share of the total environmental score, while the remaining firms add incrementally. This indicates a concentration of strong environmental performance among fewer companies.

Overall, the chart highlights that while some companies are clearly leading in environmental responsibility, a substantial number still need to strengthen their environmental strategies to achieve balanced and sustainable ESG performance.

Social Score chart-2



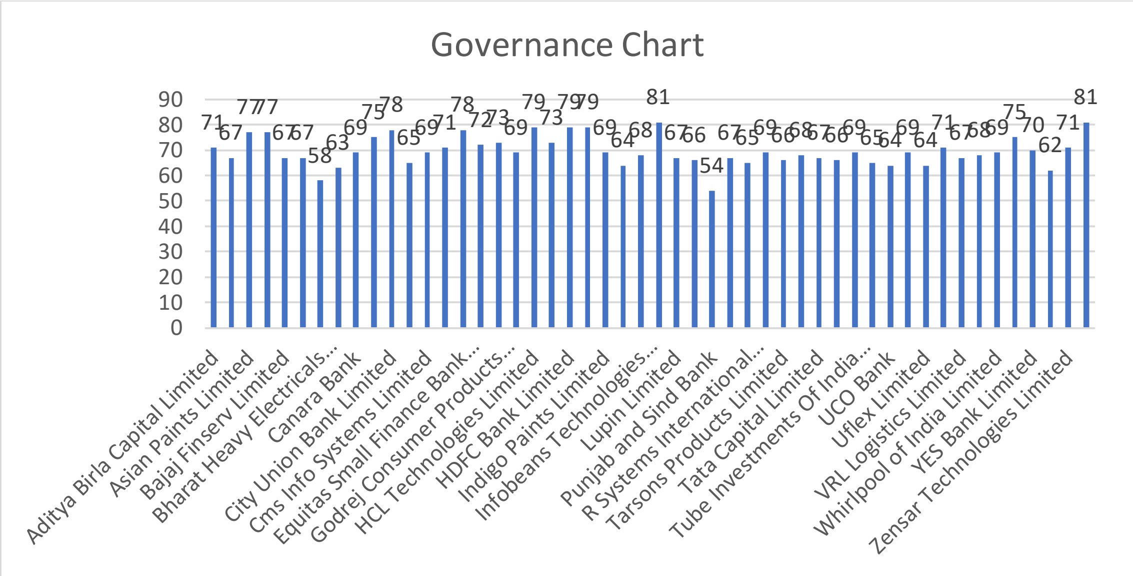
Interpretation

Infosys Limited, Wipro Limited, and HCL Technologies achieve the highest social scores, reflecting strong employee welfare measures, diversity and inclusion practices, community development, and customer relations.

- Moderate overall performance: Most companies cluster in the mid-range of social scores, indicating an average level of engagement in social responsibility initiatives.
- Top performers: A few companies show relatively high social scores, reflecting strong practices in employee engagement, workplace safety, and community involvement.
- Uneven distribution: There is noticeable variation across firms, suggesting inconsistency in how social responsibilities are prioritized and implemented.
- Lower-end performers: Companies with lower scores indicate limited disclosure or weaker implementation of social policies.
- Cumulative trend: The cumulative line shows that a small group of companies contributes significantly to overall social performance, while the majority adds gradually.

Overall, the chart suggests that although social responsibility is gaining importance, many companies still have scope to strengthen social policies and reporting practices.

Governance Score chart-3



Interpretation

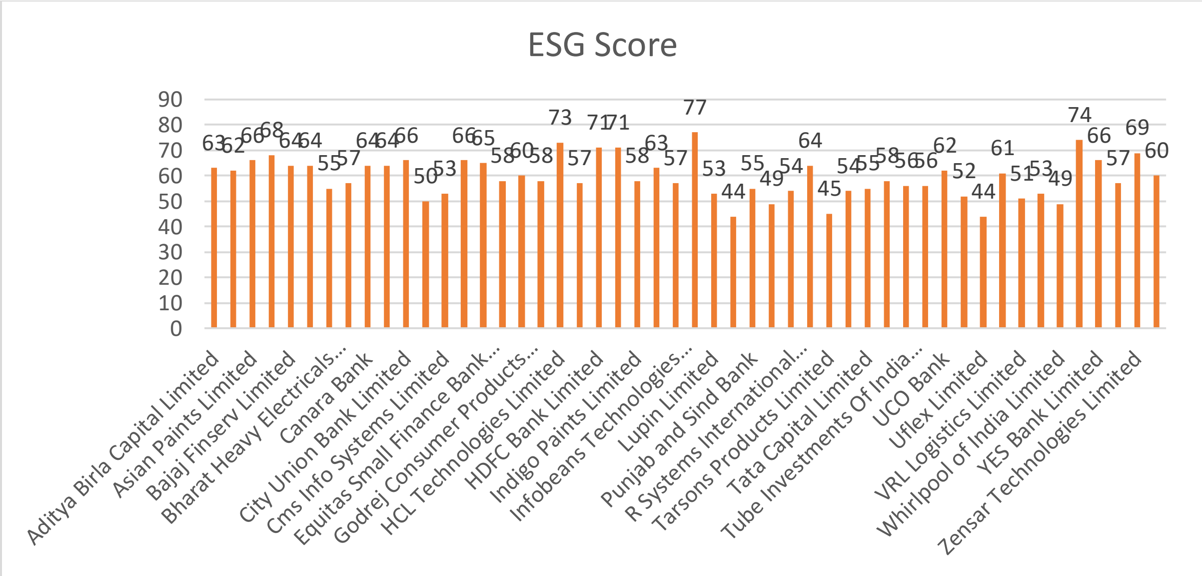
Infosys Limited, HDFC Bank, Wipro Limited, and ZF Commercial Vehicle Control Systems India Limited report the highest governance scores, indicating strong board structure, transparency, ethical practices, and regulatory compliance.

The Governance Score chart highlights how companies perform in terms of board structure, transparency, ethics, compliance, and shareholder rights.

- Relatively strong governance: Compared to environment and social scores, governance scores are generally higher, indicating better adoption of corporate governance practices.
- Consistent performance: Many companies show similar governance scores, reflecting standardized regulatory compliance driven by SEBI guidelines.
- High scorers: Firms at the top demonstrate strong board independence, disclosure quality, and ethical standards.
- Few weak performers: Only a small number of companies fall on the lower end, suggesting governance is the most mature ESG dimension among Nifty 50 firms.
- Cumulative insight: The cumulative curve rises steadily, indicating governance performance is more evenly distributed across companies.

This chart indicates that Indian corporates have made notable progress in governance, largely due to regulatory pressure and investor scrutiny.

ESG Score Chart-4



Interpretation

The ESG Score chart combines environmental, social, and governance performance to present an overall sustainability assessment of the companies.

Infosys Limited ranks first with the highest ESG score, followed by Wipro Limited and HCL Technologies. These companies demonstrate balanced strength across environment, social, and governance dimensions.

- Clear differentiation: ESG scores vary widely, reflecting differences in sustainability maturity among firms.
- Top ESG leaders: A few companies achieve high ESG scores due to balanced and strong performance across all three dimensions.
- Mid-level majority: Most firms fall in the moderate ESG score range, indicating partial integration of ESG practices.
- Lagging firms: Companies with low ESG scores highlight gaps, particularly in environmental and social aspects.
- Cumulative pattern**:** The Pareto curve shows that a limited number of firms account for a large portion of total ESG performance.

Overall, the chart highlights that comprehensive ESG integration is still concentrated among a few leading companies.

Conclusion

This study analyzed the Environmental, Social, and Governance (ESG) performance of Nifty 50 companies using CRISIL ESG scores to assess the level of sustainability integration among leading Indian firms. The findings reveal substantial variation in ESG performance, indicating uneven adoption of responsible business practices across companies. Governance emerges as the strongest and most consistent dimension, reflecting the influence of SEBI’s regulatory framework and improved corporate compliance. However, environmental and social scores show wider disparities, with only a few companies demonstrating strong performance, while many remain at a moderate or early stage of ESG adoption.

Companies such as Infosys, Wipro, HCL Technologies, and HDFC Bank consistently outperform others, highlighting the importance of integrated ESG strategies and transparent disclosures. Overall, the study suggests that ESG reporting among Nifty 50 firms has progressed, but remains largely compliance-driven for many companies. To achieve long-term sustainability and stakeholder value creation, firms must embed ESG principles into core business strategies rather than treating them as regulatory obligations.

Scope for Future Research

Future studies may extend this analysis by incorporating longitudinal data to examine ESG performance trends over time. Further research can also explore the relationship between ESG scores and financial performance, sector-specific ESG challenges, and the impact of regulatory changes such as enhanced BRSR requirements on corporate sustainability outcomes.

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