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Naresh Babu KS
Research Scholar and Assistant Professor, School of Commerce, REVA University, Bengaluru, Karnataka, India

Dr. Thamotharan A
Associate Professor, REVA Business School, REVA University, Bengaluru, Karnataka, India

Corresponding Author:
Naresh Babu KS
Research Scholar and Assistant Professor, School of Commerce, REVA University, Bengaluru, Karnataka, India

India's ESG landscape: Overcoming hurdles and driving sustainable growth

Naresh Babu KS and Thamotharan A

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Abstract
ESG-Environmental, Social and Governance Practices has become a vital in the present contemporary world which reflecting in an improving awareness about socially responsible investment and the sustainability business practices. In India, with respect to this context, this research paper aims at providing the comprehensive analysis of the current ESG Practices and regulations and the challenges faced while implementation by Indian companies to incorporate the ESG Practices into their operations. The present paper has explored the different regulatory frameworks, the challenges faced and the impact of the integration on companies as well as on society. By examining the efforts towards ESG by several Companies, this paper seeks to provide the insights into the scenario of ESG adoption by the Indian companies by considering NIFTY100 ESG indices and also its challenges for India's corporate perspective.

Keywords: ESG, NIFTY, sustainable investment, landscape, corporate perspective

Introduction

In addition to conventional financial indicators, sustainable investing entails basing investment decisions on Environmental, Social, and Governance (ESG) considerations. In addition to producing long-term financial gains, it seeks to improve social and environmental conditions. Religious and moral investing practices that date back centuries are where sustainable investing got its start. But as social and environmental concerns became more widely recognized in the 1960s and 1970s, modern sustainable investing gained traction. Concerns about corporate governance, social challenges, and climate change are driving the need for sustainable investing solutions today.

An unregulated economy has given way to an organized one, cash-based transactions have given way to digital platforms, and the import-dependent model has given way to a concentration on domestic production. ESG investing has so steadily gained popularity around the globe, and in recent years, a number of investment funds have adopted this paradigm. Even though there are almost 3,000 ESG investment alternatives accessible worldwide, Indian investors are still learning about this concept. Flood concerns, sea level rise, data security threats, population transitions, and legislative changes are just a few of the sustainability issues that have surfaced in recent years. These elements present investors with additional risk considerations.

Since the Companies Act of 2013, Corporate Social Responsibility (CSR) has become increasingly important in India. Companies are required under Section 135 of this law to devote a portion of their resources to projects that have a positive social and environmental impact. Important topics including community development, healthcare, education, and environmental preservation have all been covered by CSR initiatives in India.

In the meantime, ESG factors have become much more well-known worldwide, particularly in India, in recent years. By assessing governance processes within firms in addition to social and environmental considerations, ESG goes beyond standard CSR. It gives investors the capacity to make educated judgments by providing a framework for evaluating risk management tactics and business sustainability performance. While CSR is mostly concerned with corporate contributions and philanthropy, ESG takes into account a wider range of elements that show a company's overall sustainability and moral business conduct. By encouraging social, economic, and environmental advancement and responsible business conduct, CSR and ESG programs support India's Sustainable Development Goals (SDGs).

By incorporating ESG principles into investing choices, companies can improve long-term value generation, accountability, and transparency while also promoting sustainable business practices. Therefore, CSR and ESG are both essential to India's progress in attaining its SDGs and promoting sustainable development.
Socially Responsible Investing (SRI), another name for sustainable investing, has become well-known as a result of growing investor awareness, financial crises, environmental concerns, and corporate wrongdoing. The value of ESG funds in India has increased significantly; in the fiscal year 2021-2022, their assets surpassed Rs. 12,300 crores. Companies are encouraged to embrace greater corporate governance standards beyond those mandated by regulations thanks to frameworks like NSE Prime, which have been created by regulatory authorities like the National Stock Exchange (NSE).
Although quantifying ESG indicators and incorporating them into fixed-income securities is still a difficult task, companies with strong ESG credentials have shown resilience during crises like the COVID-19 pandemic and the global financial crisis of 2007-2009, which has led to a greater recognition of the value of ESG integration in investment strategies. However, integrating ESG factors into asset pricing and risk modeling presents challenges, as traditional models such as the Capital Asset Pricing Model (CAPM) and Arbitrage Pricing Theory (APT) may not fully account for ESG-related risks.
According to the United Nations Principles for Responsible Investment (UNPRI), there has been a significant surge in ESG assets worldwide, which has been accompanied by an increase in ESG mutual funds and ESG exchange-traded funds (ETFs). Even though ESG investing is still relatively new in India as compared to other countries, the NIFTY ESG 100 index has done better than the NIFTY 100 index, demonstrating the promise of sustainable investments. Additionally, pension funds are recognizing the importance of sustainable investment methods and the advantages of long-term, risk-adjusted returns by integrating ESG elements into their plans.
In order to create a sustainable financial environment, it will be essential to overcome obstacles including legal frameworks, data standards, and investor awareness as ESG investing develops in. India.

Literature Review

The United Nations Principles for Responsible Investment (UNP Sustainable investing), sometimes referred to as ethical, green, impact, mission-related, value-based, or sustainable, responsible investing, is a rapidly expanding investment strategy. It entails taking corporate governance, social, and environmental (ESG) factors into account while evaluating investments and building portfolios across various asset classes. The objective is to produce competitive financial returns while also having a beneficial and long-lasting social impact.
There are different motivations behind corporations incorporating good ESG practices into their business policies. Some do it based on their personal beliefs and values, while others see it as a way to create a positive brand image or align with profitability goals. There is increasing international pressure from the "epistemic CSR community", including regulators, social activists, non-governmental organizations, academia, and think tanks, for businesses to contribute to society.
Empirical evidence suggests that corporate social responsibility (CSR) has a positive relationship with financial performance and generates intangible benefits. Studies have examined investors' attitudes toward social investing, dividing them into two categories. Market-rate returns from socially conscious investments are acceptable to the first group, which aims to optimize financial performance while making a positive impact on society and the environment. In order to maximize social and environmental effect, the second group is prepared to accept returns that are below market value.
In 2009, Boulatoff and Boyer The author claims that because environmental preservation has become more important, governments and businesses now consider it when making investment decisions. The following are some of the reasons why the authors contend that investors like investing in socially conscious stocks or portfolios. For moral grounds, investors prefer to fund businesses that practice social responsibility. The second is because the pure return profile raises questions. Third, by supporting socially conscious companies, they want to increase public awareness. Fourth, by funding socially conscious businesses, investors hope to enhance their reputation.
This paper takes a comprehensive approach in examining ESG Investing and Sustainable Finance, placing a specific emphasis on the ESG Rating instrument. Its primary aim is to explore the concept, significance, scope, components, limitations, and future prospects of ESG Investing within the Indian context. Given the increasing adverse effects of climatic conditions globally, with their unpredictable nature, there is a growing imperative to adapt and globally mitigate these impacts. The study not only aims to unravel the intricacies of ESG Investing but also seeks to trace the evolution of finance as it incorporates sustainable practices. An integral aspect of the investigation involves understanding how Environmental, Social, and Governance considerations are influencing businesses and shaping the dynamics of the financial market. This research offers a critical evaluation of ESG Investing and Sustainable Finance, shedding light on its implications and potential future avenues, particularly within the unique context of India.
Analysis of Historical Trend and Determinants of ESG Index Performance in India, this paper provides several findings on the historical trend and determinants of ESG index performance in India. One of the main findings is that ESG index performance in India is positively correlated with GDP growth and market capitalization. The paper also finds that the sectoral composition of the index has a significant impact on its performance, with the IT and healthcare sectors showing strong positive correlations with ESG index performance.

Objective

The study profess to know regulatory frameworks and Sector wise distribution of selected ESG Funds in India.

ESG regulatory Framework in India

In India, There are Existing laws to address concerns as stated earlier and responsible for the aspects related to Environmental, social and governance issues with in a companies they are Environment Protection Act-1986, Factories Act-1948 and Prevention of Money Laundering

Act-2002 but there is no unified legislation dedicated only to ESG has led to fragmented oversight and inconsistent enforcement, foiling the widespread adoption of sustainable business practices across the companies.

With the Implementation of ESG regulations, the companies have a structured framework delineating guidelines concerning ESG reporting and disclosures. The ESG Regulations framework is aiming to simplify the Procedures of ESG reporting and enabling the prospective investors for comparing ESG performances with the companies. These framework includes the Standards and guidelines for ESG reporting and ESG disclosures together, with the requirements for companies to implement ESG policies and the protocols. The Prominent initiatives and the frameworks in this context are Sustainability Accounting Standards Board (SASB), Global Reporting Initiatives (GRI) and Task Force on Climate-related Financial Disclosures (TCFD).

ESG Regulations in India and Role of Securities Exchange Board of India

In 2012, the Securities and Exchange Board of India (SEBI), which oversees the Indian securities market, issued a guidance note on ESG disclosures, stating that companies listed on Indian stock exchanges should include their ESG performance in their annual reports. This directive was later amended in 2015 to include specific reporting obligations, such as describing water consumption, energy usage, and greenhouse gas emissions. In India, the push for sustainable investment practices and ESG practices has been fueled by a number of initiatives. SEBI has regularly issued circulars and guidelines concerning ESG disclosure, prompting numerous companies to commence reporting on their ESG scores. In 2020, The Securities and Exchange Board of India took a major step for promoting ESG investment indices in India by mandating the top 1,000 listed companies to disclose their ESG related data in their annual reports from the Fiscal year 2021-22 onwards. Carbon Emissions, Water usage, waste management, Diversity, labour practices, employee health and product safety, board composition, shareholder's right and the business ethics and transparency has become the major requirements to be published in the annual reports of the companies. Sources: baixardoc.com, timesofindia.indiatimes.com,

ESG Regulations and Indian Banking Sector

The Reserve Bank of India, which oversees the banking industry in India, is actively encouraging ESG investments. The RBI issued a circular in 2020 directing banks to include ESG-related information in their annual reports. This disclosure includes the rules pertaining to social responsibility, sustainable financing, and climate challenges. Additionally, it mandates that the banj disclose the funds it has allocated to green and social projects. The Task Force on Climate Related Financial Disclosures Framework for Disclosures Associated with Sustainability and Climate Issues was mandated by the Regulatory Authority of India in June 2022 for all Urban Cooperative Banks, Scheduled Commercial Banks, and Non-Banking Financial Institutions with assets exceeding Rs. 5,000 Crores.

Disputes with implementation of ESG Practices in India

In India, the implementation of ESG practices has faced a few challenges, major challenges are listed under:

One major obstacle is the lack of standardized and comparable ESG reporting. At Present there is no constituent framework for ESG reporting in India. The companies have their own way of setting the ESG metrics and the reporting formats. In continuation to this there is a lack of awareness among the companies regarding the ESG reporting. Most of the companies in India are have less experience in ESG reporting and it may lack the necessary procedures and systems to gather the ESG data accurately. This challenges are for smaller companies and which may encounter obstacles in resources and the expertise to inculcate the ESG Practices.

The next obstacle stems from the constrained regulatory framework. As India has most of the ESG regulations are in place, where these are lacking the depth of addressing all the dimensions of socially responsible and sustainable business practices. To overcome these challenges requires a concrete effort between the regulators, companies, and investors to booster ESG compliance and increase the culture of responsible investment and sustainable practices.

The inculcation of Environment, social and Governance Practices and regulations represents a significant move towards nurturing a sustainable and responsible future. This kind of regulations provides a structured framework for the companies to evaluate and disclose their ESG ratings, empowering the prospective investors to decide about the capital allocation.

Source: GV Satya Sekhar "The Management of Mutual Funds", Springer Science and Business Media LLC, 2017

A Glance of NIFTY100 ESG Indices

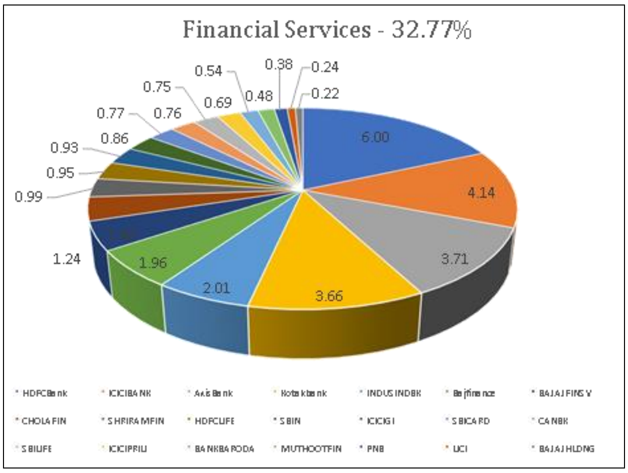
The primary motivation for ESG-based investing is the ability to generate higher risk-adjusted returns from environmentally conscious, socially conscious, and ethical companies. The construct of NIFTY100 ESG indices results in a similar sector portfolio of the parent index, i.e., NIFTY 100, but with a stock level tilt, which may lead to a portfolio with a higher weightage towards companies with better performance of ESG indices. Previously known as India Index Services and Products Limited (IISL), National Stock Exchange Indices Limited (NSE) offers a variety of indices and index-related services and products for the Indian Capital Markets. This paper tries to present a brief picture on the sector wise distribution in a tabular format and charts.

The above table presents a diversified allocation within the Financial Services sector (As it parts 32.77%), reflecting a balanced exposure to various segments of the financial industry. The analysis of this breakdown helps investors better understand the composition and relative importance of different companies within the financial sector.

The sector allocation is diversified across various financial institutions such as banks, insurance companies and financial services providers. According to the table shows HDFCBANK is leading the sector with a weightage of 6% and some companies, like BAJFINANCE, BAJAJFINSV and CHOLAFIN though with lower weightages compared to the top banks, still holds notable positions within the sector. (Based on Highest Proportion)

Sector 1: Financial Services

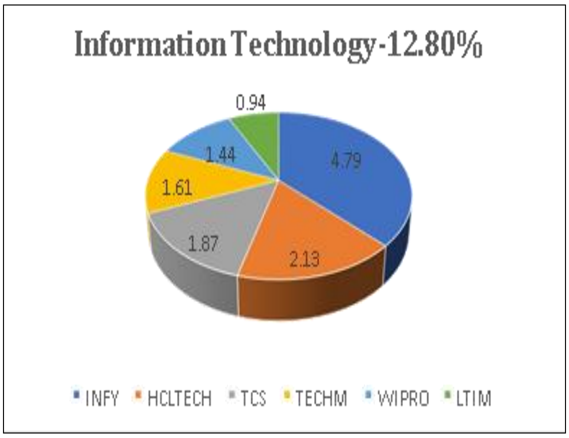
Sector Name	Financial Services
Total Weightage	32.77%
Companies	Weightage
HDFCBank	6.00
ICICIBANK	4.14
AxisBank	3.71
Kotakbank	3.66
INDUSINDBK	2.01
Bajfinance	1.96
BAJAJFINSV	1.49
CHOLAFIN	1.24
SHRIRAMFIN	0.99
HDFCLIFE	0.95
SBIN	0.93
ICICIGI	0.86
SBICARD	0.77
CANBK	0.76
SBILIFE	0.75
ICICIPRILI	0.69
BANKBARODA	0.54
MUTHOOTFIN	0.48
PNB	0.38
LICI	0.24
BAJAJHLDNG	0.22



Sector 2: Information Technology

Sector Name	Information Technology
Total Weightage	12.80%
Companies	Weightage
INFY	4.79
HCLTECH	2.13
TCS	1.87
TECHM	1.61
WIPRO	1.44
LTIM	0.94

The table highlights a significant allocation to the Information Technology sector within the index. The analysis of company weightages provides insights into the composition and relative importance of different IT services companies, reflecting a balanced exposure to the sector's key players. These companies represent a mix of IT services, consulting, and outsourcing firms, providing a broad exposure to the IT sector. Infosys and HCL technologies are topping the table as both the companies has 50% of the total weightage in the IT Sector.



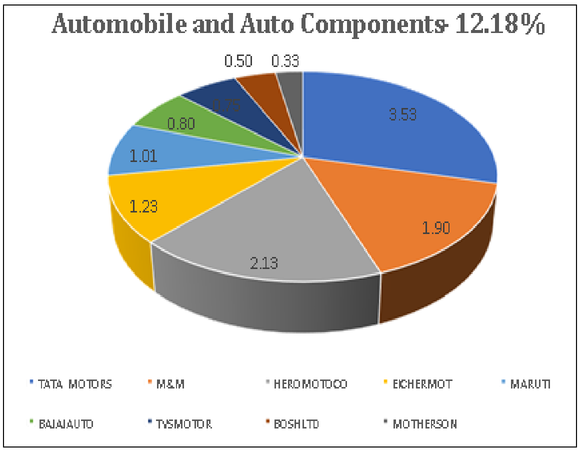
Sector 3: Automobile and Auto Components

Sector Name	Automobile and Auto Components
Total Weightage	12.18%
Companies	Weightage
Tata motors	3.53
M&M	1.90
Heromotoco	2.13
Eichermot	1.23
Maruti	1.01
Bajajauto	0.80
Tvsmotor	0.75
Boshltd	0.50
Motherson	0.33

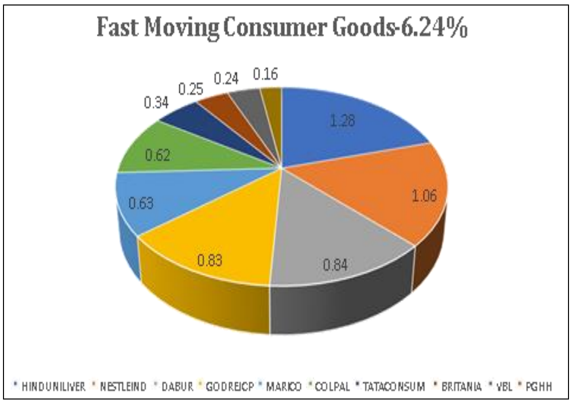
The table indicates a balanced exposure to the Automobile and Auto Components within the index. The analysis of company weightages provides insights into the composition and relative importance of different players within the automotive industry, reflecting a diversified approach to investing in this sector. TATA Motors are leading the sector with a weightage of 2.55%, it holds a significant position within the portfolio, likely due to its presence in both commercial and passenger vehicle segments. The above listed companies represent different segments of the automotive market, such as premium motorcycles, passenger cars and commercial vehicles. Also the Factors such as domestic demand, export potential, technological advancements and regulatory environment may influence the performance of companies within the sector of Automobile and Auto components.

Sector 4: Fast moving consumer goods

Sector Name	Fast Moving Consumer Goods
Total Weightage	6.24%
Companies	Weightage
HINDUNILIVER	1.28
NESTLEIND	1.06
DABUR	0.84
GODREJCP	0.83
MARICO	0.63
COLPAL	0.62
TATACONSUM	0.34
BRITANIA	0.25
VBL	0.24
PGHH	0.16



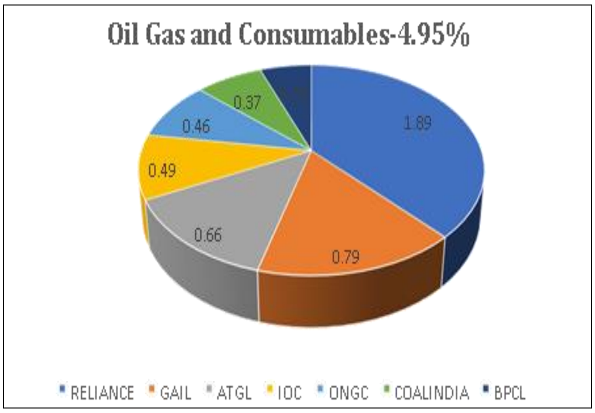
The Above table signifies a balanced exposure to the Fast Moving Consumer Goods sector within the index. The analysis of company weightages provides insights into the composition and relative importance of different FMCG companies, reflecting a diversified approach to investing in this sector. The sector allocation is diversified across various FMCG companies, encompassing a range of consumer products such as food, beverages, personal care, and home care. Hindustan Unilever with 128 1% and Nestle India following closely with1.06% as both the companies have a diversified product portfolio. It may be noted that due to Brand strength and the market occupancy the Varun Beverages Limited and Procter & Gamble Hygiene and Health Care placed at the least in the table with 0.24% and 0.16%.



Sector 5: Oil gas and consumables

Sector Name	Oil Gas and Consumables
Total Weightage	4.95%
Companies	Weightage
Reliance	1.89
GAIL	0.79
ATGL	0.66
IOC	0.49
ONGC	0.46
COALINDIA	0.37
BPCL	0.28

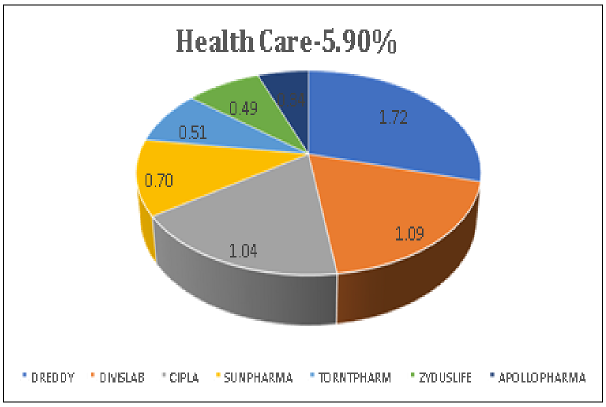
The table suggests that the investment strategy encompasses a diversified approach to this sector. By allocating weightages across various companies, the portfolio aims to capture opportunities and manage risks associated with different segments of the oil, gas, and consumables industry. Reliance Industries Limited is topping the table with 2.19% and holds a significant position also shows the dominance in the Oil and Gas industry in India.



Sector 6: Health Care

Sector Name	Health Care
Total Weightage	5.90%
Companies	Weightage
DREDDY	1.72
DIVISLAB	1.09
CIPLA	1.04
SUNPHARMA	0.70
TORNTPHARM	0.51
ZYDUSLIFE	0.49
APOLLOPHARMA	0.34

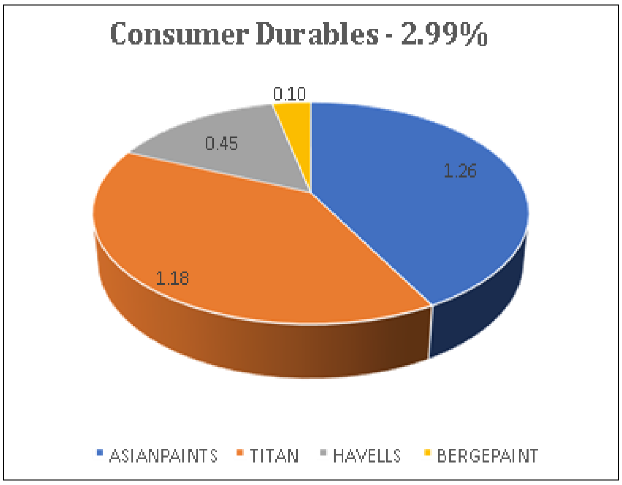
The table shows a balanced exposure to the Health Care sector within the portfolio, with a mix of pharmaceutical companies and healthcare service providers. The presence of companies like Dr. Reddy's (1.72%), Cipla (1.04%), and Sun Pharma (0.7%) reflects a focus on pharmaceutical manufacturing, while companies like Apollo Hospitals represent the healthcare services segment. The Health Care sector allocation appears to be diversified across various sub-sectors, including pharmaceuticals, biotechnology, and healthcare services. The weightages suggests a mix of established pharmaceutical companies and healthcare service providers aiming to capture opportunities across the healthcare value chain.



Sector 7: Consumer Durables

Sector Name	Consumer Durables
Total Weightage	2.99%
Companies	Weightage
Asianpaints	1.26
Titan	1.18
Havells	0.45
Bergepaint	0.10

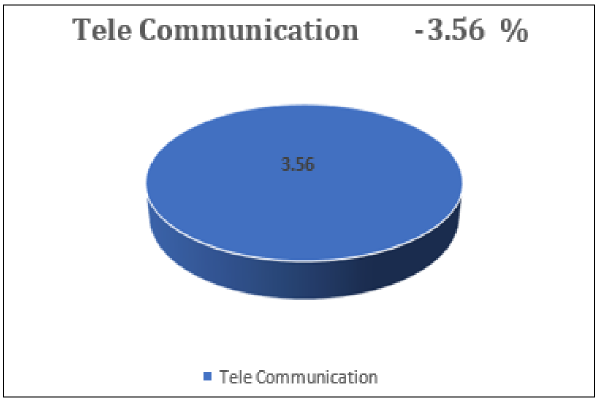
The provided table suggested a balanced exposure to the Consumer Durables sector within the index, with a focus on companies manufacturing products ranging from paints and watches to electrical equipment. The Consumer Durables sector allocation appears to be focused on companies involved in manufacturing products that cater to consumers' long-term needs and preference. Asian Paints (1.26%) is a major player in the decorative paints industry, with a strong market presence and brand recognition.



Sector 8: Tele Communication

Sector Name	Tele Communication
Total Weightage	3.56%
Companies	Weightage
BHARTIAIRTEL	3.56

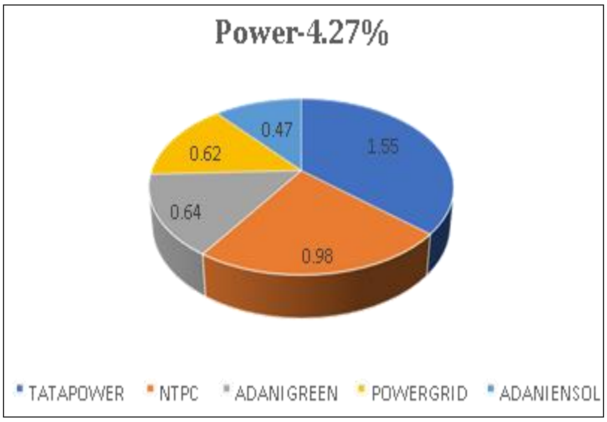
The table presents data on the Telecommunication sector within a portfolio or index, with Bharti Airtel being the sole company listed with its corresponding weightage (3.56%). This concentration on a single company implies that the portfolio is heavily influenced by the performance of Bharti Airtel and its operations in the telecommunications industry.



Sector 9: Power

Sector Name	Power
Total Weightage	4.27%
Companies	Weightage
Tatapower	1.55
NTPC	0.98
Adanigreen	0.64
Powergrid	0.62
Adaniensol	0.47

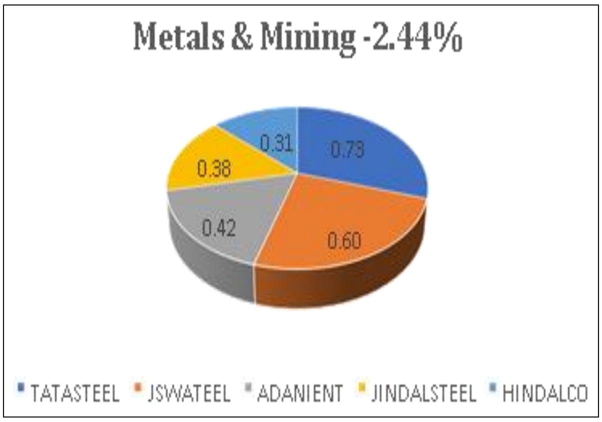
The provided table outlines the Power sector within a portfolio or index, including the weightages of various companies. The Power sector allocation appears to be diversified across various segments, including thermal, renewable, and transmission infrastructure. Tata Power (1.55%) and NTPC (0.98%) emerge as the top contributors to the sector, representing both conventional and renewable energy generation.



Sector 10: Metals & Mining

Sector Name	Metals & Mining
Total Weightage	2.44%
Companies	Weightage
Tatasteel	0.73
Jswateel	0.60
Adanient	0.42
Jindalsteel	0.38
Hindalco	0.31

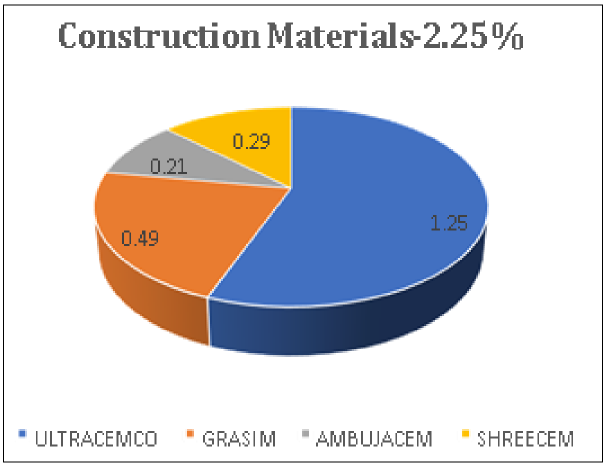
The table provides data on the Metals & Mining sector within a index, including the weightages of various companies. The Metals & Mining sector allocation appears to be diversified across various sub-sectors, including steel, aluminium and mining. Tata Steel and JSW Steel emerge as the top contributors to the sector, representing the steel industry's significance within the portfolio.



Sector 11: Construction Materials

Sector Name	Construction Materials
Total Weightage	2.25%
Companies	Weightage
Ultracemco	1.25
Grasim	0.49
Ambujacem	0.21
Shreecem	0.29

The Construction Materials sector allocation appears to be concentrated on companies engaged in cement manufacturing, reflecting the importance of this segment in construction activities. UltraTech Cement emerges as the top contributor with 1.25% to the sector, reflecting its dominance in the cement industry and its influence on the sector's performance within the portfolio. The presence of companies like Grasim, Ambuja Cements, and Shree Cement underscores the portfolio's exposure to leading players in the cement manufacturing segment, reflecting confidence in the growth prospects of the construction materials industry.

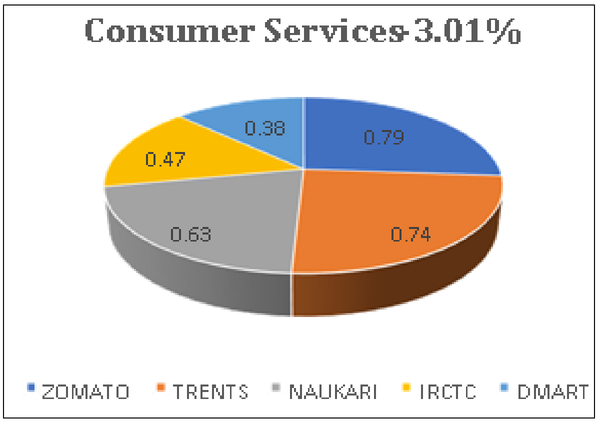


Sector 12: Consumer Services

Sector Name	Consumer Services
Total Weightage	3.01%
Companies	Weightage
ZOMATO	0.79
TRENTS	0.74
NAUKARI	0.63
IRCTC	0.47
DMART	0.38

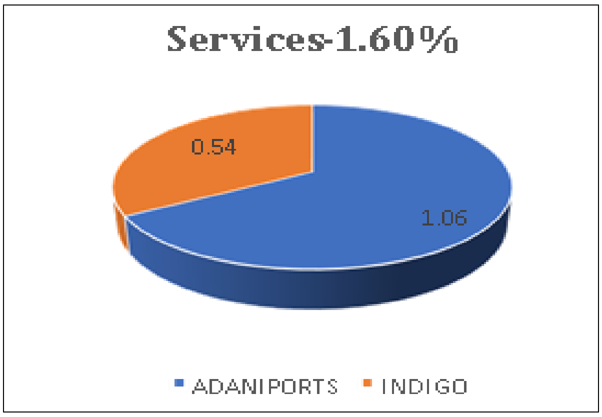
The table provides an overview of the Consumer Services sector within a portfolio or index, which holds a total weightage of 3.01%. It includes five key companies, each contributing a specific portion to the sector. Zomato (0.79%) leads with its food delivery and restaurant services, followed by Trent (0.74%), a major retail player under the Tata Group. Info Edge (Naukri) (0.63%) represents the online job market, while IRCTC (0.47%) dominates railway ticketing, catering, and tourism services. Lastly, Avenue Supermarts (DMart) (0.38%) operates a supermarket chain catering to consumer retail needs. This composition highlights the diversity of the sector, covering food delivery, retail, online services, and travel-related businesses.

The Services sector allocation appears to be diversified across companies engaged in different service-based industries. Adani Ports (1.06%) emerges as the top contributor to the sector, reflecting its dominance in the ports and logistics industry and its influence on the sector's performance within the portfolio. The presence of IndiGo (.54%) underscores the portfolio's exposure to the aviation sector, reflecting confidence in the growth prospects of the airline industry.



Sector 13: Services

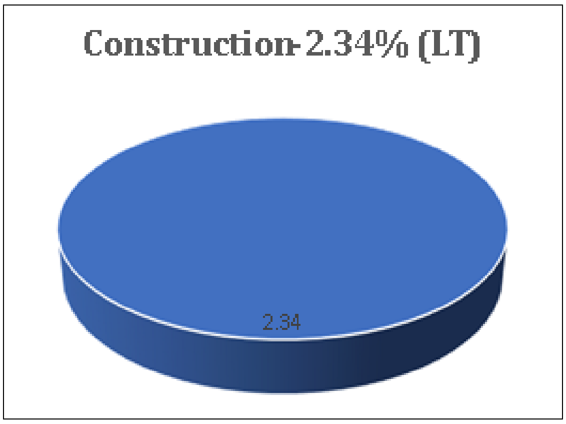
Sector Name	Services
Total Weightage	1.60%
Companies	Weightage
ADANIPORTS	1.06
INDIGO	0.54



Sector 14: Construction

Sector Name	*Construction*
Total Weightage	2.34%
Companies	Weightage
LT	2.34

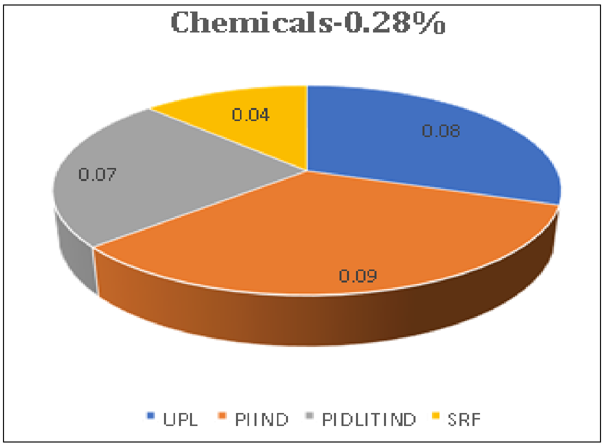
LT holds the entire weightage of 2.34% within the Construction sector. Larsen & Toubro is a major multinational conglomerate in India, with diversified interests across various sectors, including engineering, construction, manufacturing, and technology services.



Sector 15: Chemicals

Sector Name	Chemicals
Total Weightage	0.28%
Companies	Weightage
UPL	0.08
PIIND	0.09
PIDLITIND	0.07
SRF	0.04

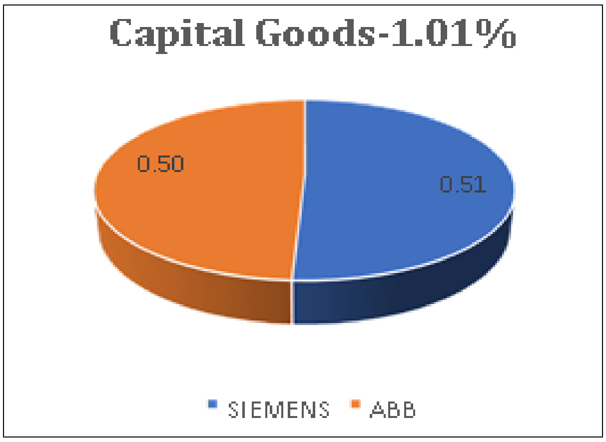
The Chemicals sector holds a total weightage of 0.28% within the portfolio, indicating a relatively small allocation to companies within this sector compared to others. Only the presence of Pidilite Industries (0.09%) highlights the portfolio's exposure to specialty chemicals used in construction, consumer products, and industrial applications.

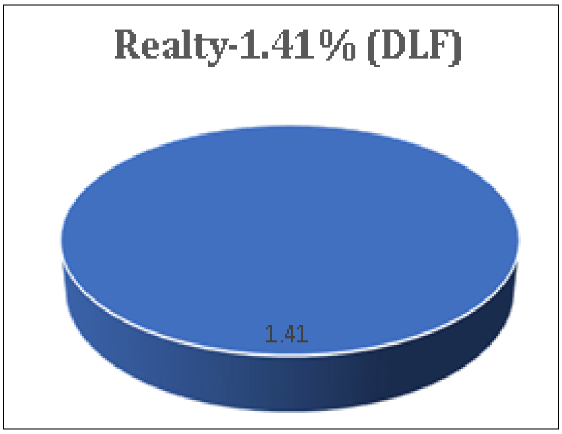


Sector 16: Capital Goods

Sector Name	Capital Goods
Total Weightage	1.01%
Companies	Weightage
SIEMENS	0.51
ABB	0.50

The Capital Goods sector allocation appears to be focused on companies engaged in providing advanced technology solutions and equipment for industrial and infrastructure development. Siemens (0.31%) and ABB (0.30%) are both global leaders in their respective fields, with a strong reputation for innovation, quality, and reliability in delivering capital equipment and solutions to their customers.





Sector 17: Realty

Sector Name	Realty
Total Weightage	1.41%
Companies	Weightage
DLF	1.41

DLF's (1.41) significant weightage implies its paramount importance within the Realty sector in the portfolio. Investors should consider factors such as the real estate market dynamics, demand-supply trends, regulatory environment, and macroeconomic conditions when assessing DLF's outlook.

Way Forward

The way forward for ESG practices in India involves overcoming several hurdles while furthering the adoption and implementation of sustainable practices. Here are some key points to consider:

- Increasing awareness and education about ESG principles among businesses, investors, and the general public is crucial. This can be done through training programs, workshops, and awareness campaigns.
- Strengthening the regulatory framework related to ESG practices can help drive compliance and accountability. The government can introduce more stringent regulations and reporting requirements for companies.
- Long-term sustainable growth can result from promoting businesses to incorporate ESG factors into their main business plan. This entails coordinating ESG objectives with overarching corporate goals. It is possible to encourage more companies to adopt sustainable practices by offering incentives and easier access to funding to those who exhibit high ESG performance.
- It is crucial to interact with stakeholders, including as staff members, clients, vendors, and local communities, in order to comprehend their ESG expectations and concerns. This can support the development of enduring relationships and trust.
- Improving ESG reporting standards and ensuring transparency in disclosures can enhance credibility and trust among investors and other stakeholders. ¾ Building the capacity of companies to implement ESG practices effectively through training, guidance, and support can help overcome implementation challenges.
- Collaborating with industry associations, NGOs, government bodies, and other stakeholders can facilitate knowledge sharing and best practices in ESG implementation.

- Leveraging technology and innovation can help companies track, measure, and improve their ESG performance more efficiently.
- Ensuring that ESG practices promote inclusive growth and address social inequalities is essential for sustainable development.

As India continues to integrate ESG principles into corporate frameworks, the focus on social and governance aspects is expected to strengthen, fostering greater trust among stakeholders, including investors and business partners. Regulatory trends suggest that ESG reporting compliance will become increasingly mandatory, making it advantageous for companies to adopt proactive ESG reporting practices. Such an approach will not only enhance their alignment with environmentally conscious markets like the EU but also improve their accessibility to global capital markets. Furthermore, consumer-centric businesses can bolster their brand reputation by addressing carbon footprint concerns, which are gaining prominence amid growing climate change awareness.

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