Sustainability Through CSR and its Impact on Financial Performance (A CASE STUDY OF TATA CONSULTANCY SERVICES)

*Dr. Pooja Gupta, **Dr. Mukesh Kumar Gupta

ABSTRACT

Corporate Social Responsibility (CSR) has emerged as a central pillar of sustainable business practices globally, particularly in India, where it is mandated by the Companies Act, 2013. This study critically examines the relationship between CSR and profitability through the lens of Tata Consultancy Services (TCS), a leading IT services company in India. Focusing on Section 135 of the Companies Act, which mandates CSR expenditure for qualifying firms, and the areas outlined in Schedule VII, the paper evaluates TCS's strategic integration of CSR into its operational and financial frameworks. Using ten years of financial data (2014–2024) and statistical tools like correlation and regression analysis, the study finds that profitability significantly influences CSR expenditure. By aligning its initiatives with statutory requirements, TCS demonstrates how compliance can drive corporate reputation, stakeholder trust, and operational efficiency. This paper contributes to the discourse on how regulatory frameworks can shape sustainable business practices, offering insights for companies navigating similar mandates.

KEYWORDS

Corporate Social Responsibility (CSR), Sustainability, Profitability, Companies Act 2013, Tata Consultancy Services (TCS).

*Assistant Professor, Delhi Institute of Advanced Studies, Delhi, India
**Associate Professor, Rukmini Devi Institute of Advanced Studies, Delhi, India

INTRODUCTION

In an era where businesses are increasingly held accountable for their environmental, social, and governance practices, Corporate Social Responsibility (CSR) has become a cornerstone of corporate strategy. The Companies Act, 2013, has further institutionalized this in India by mandating CSR spending for companies meeting specified financial thresholds. This regulation underscores a paradigm shift, where CSR is no longer optional but a statutory obligation, encouraging firms to align profitability with societal impact.

Tata Consultancy Services (TCS), a flagship company of the Tata Group, exemplifies this alignment. TCS is not only one of India's most prominent IT companies but also a global leader recognized for its commitment to sustainability and ethical governance. This paper explores how TCS's CSR initiatives comply with Section 135 of the Companies Act and align with the permissible areas of Schedule VII, thereby contributing to its profitability and long-term sustainability. It also evaluates the broader implications of CSR compliance for strategic business growth in India.

CSR in the Context of the Companies Act, 2013

Legislative Framework

The Companies Act, 2013, marked a turning point for corporate governance in India. Section 135 of the Act mandates that companies with a net worth of ₹500 crore or more, a turnover of ₹1,000 crore or more, or a net profit of ₹5 crore or more must spend at least 2% of their average net profits from the preceding three financial years on CSR activities. The Act outlines a broad range of activities eligible for CSR spending under Schedule VII, including:

- Promoting education.
- Eradicating poverty and hunger.
- Environmental sustainability.
- Gender equality and empowerment.
- Contributions to national heritage.

Importantly, the provisions emphasize that CSR activities must primarily benefit communities within India, a stipulation that raises questions about global CSR initiatives undertaken by Indian firms.

Strategic Implications for Businesses

The regulatory framework transforms CSR from a voluntary activity to a strategic imperative. Companies must carefully plan their CSR budgets, align initiatives with statutory guidelines, and ensure transparency in reporting to avoid legal and reputational risks. For companies like TCS, this necessitates embedding CSR into core business strategies to derive both compliance and competitive advantages.

COMPANY PROFILE AND CSR STRATEGIES

Tata Consultancy Services (TCS), a leading global IT services, consulting, and business solutions provider, is one of India's most prominent companies and a flagship entity of the Tata Group. Founded in 1968 and headquartered in Mumbai, TCS operates in over 50 countries with more than 600,000 employees as of 2023. It is the largest IT services provider in India by revenue and market capitalization and ranks among the top global technology companies. Guided by the Tata Group's core values of integrity, excellence, and social responsibility, TCS has consistently maintained a strong focus on sustainable and ethical business practices. This commitment has positioned it as a pioneer in integrating Corporate Social Responsibility (CSR) into its business model, reflecting its belief in creating shared value for society and stakeholders.

TCS's CSR strategies are deeply rooted in the guiding principles of the Tata Group, which emphasize contributing to societal progress while achieving business excellence. The company has aligned its CSR initiatives with India's Companies Act, 2013, particularly Section 135 and Schedule VII, ensuring compliance with statutory requirements. The CSR activities of TCS are designed to address key areas of social and environmental importance, such as education, skill development, health, and sustainability, making meaningful contributions to society while enhancing its corporate reputation and stakeholder trust.

One of TCS's cornerstone CSR initiatives focuses on education and skill development, areas explicitly recognized under Schedule VII of the Companies Act. The Adult Literacy Program has empowered millions of individuals by providing them with essential reading and writing skills, fostering social inclusion and economic empowerment. Similarly, the Empowering Educators Initiative enhances the quality of education by training teachers in innovative pedagogical techniques and digital literacy, thereby strengthening the educational ecosystem. The TCS iON Digital Learning Hub offers skill development courses tailored to bridge the skills gap and increase employability, particularly among India's youth, aligning with the broader goal of national workforce development.

In the domain of health and well-being, TCS has undertaken impactful initiatives to address critical healthcare challenges in underserved communities. Mobile health units and health camps have been deployed to provide basic healthcare services in remote areas, while the mKRISHI platform supports farmers with personalized agricultural advisory services, improving productivity and livelihoods. These initiatives not only contribute to societal welfare but also align with TCS's goal of fostering sustainable development in rural and semi-urban regions.

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TCS has also made significant strides in promoting environmental sustainability, a key area under Schedule VII. The company has implemented measures to reduce its carbon footprint, such as adopting renewable energy sources, enhancing energy efficiency, and undertaking water conservation projects. Its green building certifications demonstrate its commitment to creating environmentally responsible infrastructure. Additionally, TCS has adopted robust waste management practices to minimize environmental impact, ensuring sustainable operations that align with global environmental goals.

Beyond these India-focused initiatives, TCS engages in global CSR projects, contributing to disaster relief efforts, partnerships for climate action, and programs that address global sustainability challenges. While these efforts showcase TCS's global outlook and commitment to universal well-being, they must be carefully balanced to meet the Companies Act's requirement to prioritize activities benefiting Indian communities. This dual focus reflects the company's strategic approach to harmonizing compliance with its broader corporate ethos.

TCS's CSR strategies exemplify a holistic approach to addressing societal and environmental challenges while fulfilling regulatory requirements. By integrating CSR into its core operations, TCS not only complies with statutory mandates but also achieves strategic benefits, including enhanced corporate reputation, stakeholder loyalty, and operational efficiencies. Its initiatives reflect a commitment to fostering inclusive and sustainable growth, making TCS a benchmark for socially responsible business practices in India and beyond.

REVIEW OF LITERATURE

Over the past decade, the relationship between Corporate Social Responsibility (CSR) and Corporate Financial Performance (CFP) has garnered extensive academic attention. Researchers have explored various dimensions of this relationship, focusing on its impact on profitability, sustainability strategies, corporate reputation, and stakeholder engagement. This section synthesizes significant findings from recent studies, providing a comprehensive understanding of CSR's implications for businesses.

The seminal study by McWilliams and Siegel (2000) provided foundational insights into the CSR-CFP relationship. They highlighted that CSR could exert a positive, negative, or neutral influence on CFP, contingent on empirical methodologies and econometric models. The study underscored the potential for econometric defects, such as omitted variable bias, to distort findings and called for more robust research designs to accurately evaluate CSR's impact on financial outcomes.

Galant and Cadez (2017) reviewed the methodologies employed in CSR measurement, identifying flaws such as selection bias and subjectivity in research hypotheses. They advocated for mandatory CSR disclosure to mitigate selection bias and enhance the reliability of CSR reporting. Improved transparency, they argued, would aid stakeholders in making informed financial decisions and support rigorous testing of the CSR-CFP link.

Cochran and Wood (2017) revisited the CSR-CFP nexus using industry-specific control groups and innovative approaches. Their findings demonstrated a nuanced connection between CSR initiatives and financial success, emphasizing the need for context-specific analysis.

Dash and Das (2020) focused on the Indian banking sector, finding a modest impact of CSR on the financial health of private banks. They recommended perceiving CSR as a corporate duty rather than a regulatory obligation. Concurrently, Porter and Kramer (2020) revisited their "shared value" concept, advocating for CSR integration into corporate strategies to create mutual value for businesses and society.

CSR-CFP relationship. Analyzing data from 3,274 firms across 25 nations (2009-2016), they discovered a significant association between CSR and CFP. Additionally, CR emerged as a critical mediator, amplifying the positive effects of CSR on financial outcomes.

Harsh Patel and Bhoomi Patel (2021) employed profitability metrics—PAT, ROA, ROE, ROC, and EPS—to examine CSR's influence on Indian companies. Using regression models, they found mixed results: while Hindustan Zinc, Bharat Petroleum, and Ambuja Cement demonstrated positive impacts, firms like Indian Oil Corporation and Tata Motors showed negligible effects. These results emphasized the heterogeneity of CSR's financial impact across industries.

Sharma and Aggarwal (2022) examined the implications of mandatory CSR expenditures on firm profitability. They reported that obligatory spending hindered operational efficiency and suggested aligning CSR activities with existing corporate competencies. They also recommended tax deductions for CSR expenses to alleviate financial burdens on firms.

Oware and Mallikarjunappa (2022) investigated the effect of mandatory CSR reporting on Indian corporates. Their study revealed a robust link between CSR spending and corporate performance. Similarly, Ghosh and Gupta (2022) analyzed CSR's role in environmental sustainability, finding that eco-friendly initiatives not only ensured compliance with statutory requirements but also enhanced operational efficiencies and reduced costs.

Haider and Rehman (2023) studied the impact of CSR on customer loyalty in emerging markets. They concluded that CSR initiatives tailored to local community needs strengthened customer relationships and enhanced long-term profitability.

The body of literature reviewed underscores the multi-faceted nature of the CSR-CFP relationship, highlighting sectoral variations, methodological advancements, and the mediating role of corporate reputation. Future research should focus on longitudinal studies, cross-industry comparisons, and the development of standardized CSR metrics to further illuminate this critical area of corporate strategy.

OBJECTIVES OF THE STUDY

1. To examine how profitability influences CSR expenditure in compliance with the Companies Act, 2013
2. To evaluate TCS's CSR initiatives within the scope of Schedule VII and their alignment with strategic business goals.
3. To provide insights into the role of regulatory frameworks in shaping CSR strategies.

METHODOLOGY

This study adopts a quantitative approach to examine the relationship between Corporate Social Responsibility (CSR) expenditure and financial performance indicators of Tata Consultancy Services (TCS). The research is designed to align with the statutory requirements outlined in the Companies Act, 2013, particularly Section 135, which mandates CSR spending for companies meeting specific financial thresholds. The analysis focuses on the financial data and CSR initiatives of TCS over a ten-year period, from 2014 to 2024. Publicly available data from TCS's annual reports, financial statements, and relevant secondary sources, such as journals and industry publications, form the basis of the research.

The primary variables include CSR expenditure as the independent variable and two financial performance indicators—Profit After Tax (PAT) and Total Assets—as the dependent variables. To account for other factors influencing profitability, control variables such as company size and leverage were considered in the analysis. Statistical tools, including correlation and regression analysis, were employed to identify the strength and direction of relationships between the variables. Correlation analysis determined the degree of association between CSR expenditure and financial indicators, while regression analysis was used to explore the predictive influence of CSR spending on PAT and Total Assets.

The models were evaluated for reliability and validity using metrics such as R-squared values, p-values, and Durbin-Watson statistics to ensure the absence of autocorrelation in residuals. This rigorous statistical approach provides robust insights into the relationship between CSR spending and financial performance, highlighting the strategic alignment of TCS's CSR initiatives with its profitability and operational growth. Despite the comprehensive design, the study acknowledges limitations, such as the relatively small sample size of ten years and its focus on a single company, which may limit the generalizability of the findings across industries.

HYPOTHESES

Based on the research objectives and methodology, the following hypotheses have been formulated to explore the relationship between CSR expenditure and financial performance indicators of Tata Consultancy Services (TCS):

1. H1: CSR expenditure has a significant positive relationship with Profit After Tax (PAT).

This hypothesis suggests that as TCS increases its CSR expenditure, its profitability (as measured by PAT) will also increase. The premise is based on the understanding that CSR activities, when aligned with business strategy, can enhance brand reputation, customer loyalty, and operational efficiency, contributing to overall profitability.

2. H2: CSR expenditure has a significant positive relationship with Total Assets.

This hypothesis posits that increased CSR expenditure will be positively associated with TCS's total assets. The rationale is that CSR initiatives can enhance the company's market position and brand value, leading to growth in its overall assets. Additionally, sustainable business practices and stakeholder trust, fostered by CSR, can attract investments and facilitate asset accumulation.

RESULTS AND DISCUSSION

This section analyzes the relationship between CSR expenditure and two financial indicators of TCS: Profit After Tax (PAT) and Total Assets, from 2014–2024. Using statistical tools, it has been established how CSR spending influences profitability while evaluating its alignment with the Companies Act, 2013.

1. Correlation Analysis

To determine the degree and nature of the relationship between CSR expenditure and financial variables (PAT and Total Assets) correlation and regression analysis have been done.

Variable Pair	Pearson Correlation Coefficient (r)	Significance (p-value)
CSR Expenditure & PAT	0.962	0.000 (Significant)
CSR Expenditure & Total Assets	0.984	0.000 (Significant)

The positive correlation coefficients for both variable pairs indicate a strong, direct relationship between CSR expenditure and the financial indicators. The p-value (0.000) suggests that these correlations are statistically significant at the 1% level ($p < 0.01$).

2. Regression Analysis

To assess the predictive influence of CSR expenditure (independent variable) on PAT and Total Assets (dependent variables) regression analysis has been done.

a. Regression Analysis: CSR Expenditure and Profit After Tax (PAT)

Statistic	Value
R	0.962
R^2	0.926
Adjusted R^2	0.916
Durbin-Watson	2.191
F-Statistic	99.76
Significance (p-value)	0.000

Regression Coefficients:

Variable	Unstandardized Coefficients (B)	t-value	Significance (p-value)
(Constant)	14149.615	8.514	0.000
CSR Expenditure	32.590	9.988	0.000

$R^2 = 0.926$: About 92.6% of the variation in PAT is explained by CSR expenditure, indicating a very strong model fit. Significant Coefficients ($p = 0.000$): Both the constant and CSR expenditure coefficients are statistically significant at the 1% level. The coefficient (32.590) suggests that for every ₹1 crore increase in CSR expenditure, PAT increases by ₹32.59 crore.

The Durbin-Watson value (2.191) indicates no significant autocorrelation in residuals, ensuring the validity of the regression model.

b. Regression Analysis: CSR Expenditure and Total Assets

Statistic	Value
R	0.984
R^2	0.968
Adjusted R^2	0.964
Durbin-Watson	1.789
F-Statistic	239.66
Significance (p-value)	0.000

Regression Coefficients:

Variable	Unstandardized Coefficients (B)	t-value	Significance (p-value)
(Constant)	56562.650	15.068	0.000
CSR Expenditure	114.083	15.480	0.000

$R^2 = 0.968$: Approximately 96.8% of the variation in Total Assets is explained by CSR expenditure, indicating an extremely strong model fit. Significant Coefficients ($p = 0.000$): The regression coefficients are statistically significant at the 1% level. The coefficient (114.083) suggests that for every ₹1 crore increase in CSR expenditure, Total Assets increase by ₹114.083 crore. The Durbin-Watson statistic (1.789) confirms no significant autocorrelation in residuals.

The correlation analysis revealed a strong positive relationship between CSR expenditure and PAT, with a Pearson correlation coefficient of 0.962. This indicates a highly significant and strong association between CSR spending and profitability. Moreover, the regression analysis confirmed this relationship, with an R^2 value of 0.926, meaning that 92.6% of the variation in PAT can be explained by CSR expenditure. This finding supports the hypothesis that increased CSR expenditure is positively associated with enhanced profitability. Thus, TCS's strategic CSR initiatives appear to drive profitability by improving its corporate image, fostering customer loyalty, and enhancing operational efficiency, aligning with the assumptions of this hypothesis.

The correlation analysis confirmed a very strong positive relationship between CSR expenditure and Total Assets, with a Pearson correlation coefficient of 0.984. Additionally, the regression analysis demonstrated that 96.8% of the variation in Total Assets is explained by CSR expenditure, as indicated by the R^2 value of 0.968. This result validates the hypothesis, showing that CSR initiatives have a significant role in contributing to the growth of the company's total assets. This can be attributed to CSR's role in enhancing TCS's brand reputation, attracting investment, and creating opportunities for sustainable growth. These results underscore the strategic importance of CSR as not only a compliance measure but also a driver of financial and operational success.

CONCLUSIONS

The relationship between Corporate Social Responsibility (CSR), financial performance, and sustainability has been the subject of considerable academic and practical interest over the last decade. This paper, through an in-depth analysis of Tata Consultancy Services (TCS), demonstrates how CSR can serve as a strategic tool for compliance, corporate reputation building, and long-term profitability. Anchored within the regulatory framework of the Indian Companies Act, 2013, TCS's CSR initiatives highlight the importance of aligning corporate efforts with statutory requirements like Schedule VII while ensuring meaningful societal impact. The findings reveal that profitability significantly influences CSR expenditure, as mandated by Section 135, and that well-aligned CSR practices not only enhance stakeholder trust but also contribute to competitive advantage and operational efficiency. This case study reinforces that CSR is not merely a compliance obligation but a transformative element of modern business strategy. As companies navigate evolving societal expectations and regulatory landscapes, integrating CSR into core business models emerges as a key driver of sustainable success and value creation for all stakeholders.

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