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The Effect of Corporate Social Responsibility on Human Resource Perforance in the Selected Medium-Sized Manufacturing Organisation in South Africa

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Abstract— In recent years, the concept of Corporate Social Responsibility (CSR) has gained significant attention and popularity as a management philosophy in companies. CSR involves the integration of social and environmental concerns into a company's operations and interactions with stakeholders. While CSR has been primarily associated with large organisations, it is also important to recognize the contributions of small and medium enterprises (SMEs) to the social and economic development of a country. This study focuses on examining the effect of CSR practices on human resource performance in a selected manufacturing SME in South Africa.

This study adopts a quantitative research design. The relationship between human resource performance (dependent variable) and variables such as employee turnover and labour absenteeism is examined. The measurements of these variables are transformed and statistically analysed using regression analysis. Pre- and post-quarterly data on employee turnover and labour absenteeism are collected to assess the impact of CSR implementation on human resource performance. The results indicate that there is no significant relationship between employee turnover and labour absenteeism with human resource performance post-CSR implementation. However, the study reveals that there is a positive relationship between CSR activities and human resource performance. An increase in CSR activities leads to an improvement in human resource performance.

Keywords: - corporate social responsibility, employee turnover, human resource, labour absenteeism, manufacturing SME.

I. INTRODUCTION

For a business to be successful, the Human Resource Management (HRM) department must implement strategies to retain employees, such as fair wage and benefit rules, as well as evaluate training and development needs and motivate employees (Chandani, Mehta, Mall & Khokhar, 2016; Shaikh, 2021). Human resource departments are working tirelessly to retain employees by enacting rules that benefit employees and encourage them to stay with the company for a longer length of time. This is an important component of an organisation's strategy for attracting, retaining, and engaging high-potential people (Iqbal, Guohao and Akhtar, 2017; Shaikh, 2021). Employee motivation, training and development initiatives are typically incorporated in a business's Corporate Social Responsibility (CSR) programmes since their ultimate objective is to improve company performance. It is worth noting that, even though social responsibility may not always result in monetary gains in the near term, it has shown to be a new HRM method for improving institutional reputation (Sobhani, Haque & Rahman, 2021). As a result, companies should focus on long-term benefits that contribute to corporate growth and long-term development. Hence, this study evaluates the effect of CSR practices on human resource performance in the selected manufacturing SME organisation in South Africa. It is guided by the following research

questions (RQs):

- RQ1: What is the effect of CSR on employee turnover in the selected manufacturing SME organization in South Africa?
- RQ2: How does CSR influence labour absenteeism in the selected manufacturing SME organization in South Africa?
- RQ3: What is the relationship between CSR and human resource performance in the selected manufacturing SME organization in South Africa?

The aim of HRM is to improve corporate performance by providing fair remuneration that is based on excellent values and to foster a positive, productive, and accountable work environment (Dila and Priyanto, 2021). When this is done correctly, a company may develop, improve, and become successful (Para-González & Mascaraque-Ramírez, 2020; Al Masud, Hossain & Biswas, 2021). Consequently, Meyer et al. (2002) view employees' "emotional attachment" to their organisation as an emotional commitment; the perceived costs of leaving the organisation drive continuation commitment, which is viewed as an economic attachment; normative commitment, on the other hand, represents an employee's responsibility to remain connected or loyal since it is the right thing to do. Employees must experience these forms of commitment for the company to experience low absenteeism rate, high productivity and low employee turnover (Shaikh, 2021).



Vol 10, Issue 10, October 2023

II. LITERATURE REVIEW

This section presents the achievement of internal business stakeholder relations from CSR activities, implications of CSR on labour productivity, CSR and labour productivity, as well as, CSR and employee turnover.

2.1 Achieve of internal business stakeholder relations from CSR activities

The majority of CSR research has been on the impact of CSR on the company's external stakeholders (Glavas and Godwin, 2013). Even CSR programmes in which corporations participate are typically aimed at external stakeholders, leaving employees neglected because most of these programmes are employed as publicity gimmicks. This practice disregard employees who are meant to be a company's most valuable asset.

Employees face the majority of the repercussions of CSR and are accountable for putting CSR strategy into action. They must be active in all elements of CSR to improve their performance and competitiveness (Masum, Aziz & Hassan, 2020). Consequently, companies must also be more involved in CSR if they are to keep staff (Luu, 2021). CSR activities may help a company develop its competitive advantage in terms of recruiting human resources and boosting consumer happiness, therefore increasing its profitability (Ye, Wang & Lu, 2021). This means that employee behaviour and customer happiness function as a buffer between profit and loss. In agreement are Freeman and Dmytriyev (2017), who argue that employees are the most important stakeholder group as they may also be shareholders, consumers, or members of organisations having an interest in the corporation's activities. As such, managers have a social obligation to provide a pleasant work environment for the employees (Al Masud, Hossain & Biswas, 2021). Since employees are more likely to fall into a category of stakeholder, they should be treated better than any other stakeholder. To do this, CSR initiatives should give guarantees and retain highly skilled employees through practices like professional growth, balancing professional and family life, equal compensation for men and women, non-discrimination in recruiting minorities and elderly workers, among others (Bartolović & Vučemilović, 2019). These incentives attract well-qualified employees and they are more likely to stay with the company for longer periods of time.

According to Kim and Kim (2021), CSR strategies may provide important programmes that employee's value. This is likely to influence favourable attitudes among employees, such as their loyalty to the business. When employees are deeply devoted to the company they may see and believe the organisation's goals, beliefs, and interests to be their own. As a result, they are more likely to make genuine attempts to meet the organisation's expectations by working harder. When employee satisfaction improves as a result of fair treatment and good working conditions, they are more likely to be dedicated to the work they do, and subsequently improve their performance and that of the organisation as a whole (Manurung, Riyanto & Pangaribuan, 2021). Notably, improved worker treatment in businesses connected to human rights has a favourable influence on profitability among CSR activities related to profitability (Jeon, Kim & Youn, 2019). This suggests that treating employees satisfies their need for belonging and improves business profitability. Likewise, employees like to work for socially responsible organisations, and suppliers want to establish relationships with socially responsible companies, all of which produce appealing advantages (Khuong, Truong an & Thanh Hang, 2021).

Bizri, Wahbi and Al Jardali (2021) assert that working for a socially responsible business also gives employees a feeling of purpose and belonging, and they are driven to reciprocate by giving back to the organisation through improved job performance. Consequently, job performance improves employee productivity rate and decreases absenteeism as well as employee turnover rate. Notably, internal CSR seeks to enhance employee quality of life (Lau, Lee & Jung, 2018). This indicates that CSR activities, even those directed at external stakeholders, can impact the dynamics of social interaction within organisations and boost self-esteem and signify a positive workplace atmosphere (Murshed, Sen, Savitskie & Xu, 2021).

2.2 Implications of CSR on labour productivity

The success of a business lies in its ability to keep its personnel and enhance production owing to the lower expenses of continuously hiring new staff (Rashid, Gul & Khalid, 2018). Working for a responsible company helps employees attain and improve their self-esteem and productivity. When employees are confident, productivity is likely to improve (Fourati & Dammak, 2021). There will be fewer errors and costs of production will be regulated. In order words, CSR encourages employees to give a business a high reputation, which improves their social identity and boosts job satisfaction and organisational loyalty as well as productivity.

Furthermore, Al Masud, Hossain and Biswas (2021), contend that the key to sustaining a profitable business or a healthy economy is through the workforce's productivity, which may be increased through improved human resource procedures. As a result, corporate entities use a variety of practices with common goals such as reducing waste, boosting resource efficiency, empowering employees, improving quality, and increasing productivity (Javed & 2021). These practices increase corporate Husain, productivity since cost-cutting strategies suggest that a company will save money and therefore enhance productivity. Hence, dedicating time to CSR projects leads to positive possibilities of improved employee retention and loyalty, efficiency gains due to alternative production methods, and economic and environmental sustainability (Newman, Rand, Tarp & Trifkovic, 2020; Shahzad et al., 2020).



Vol 10, Issue 10, October 2023

2.3 CSR and employee turnover

Internal employee turnover refers to a change in position of an employee inside a company, whereas external turnover refers to a full departure from the business (Dobrosavljević & Urošević, 2021). Hence, employee turnover is regarded as one of the sensitive factors that might have ramifications for a business (Carlini & Grace, 2021). In these uncertain economic times, retaining and engaging employees becomes a difficult challenge (Chandani et al., 2016). Employee retention is the most significant issue that many business CEOs confront (Carlini & Grace, 2021). Most organisations face poor employee retention rates due to a scarcity of qualified employees, economic development, and staff turnover. Companies utilise many methods to retain staff, such as CSR engagement (Iqbal, Guohao & Akhtar, 2017). Hence, Rashid, Gul and Khalid (2018) reveal that CSR has a favourable influence on employee retention.

According to the human capital theory, if employees with specialised expertise depart, this may result in costs to the employer's knowledge base (Carlini & Grace, 2021). Employee turnover may increase extra overhead expenses due to the loss of human and social capital as well as employee investment (Lau, Lee & Jung, 2018). This is the reason why businesses want to maintain staff turnover to as low a level as possible to benefit from this cost-cutting approach. Dobrosavljević and Urošević (2021) maintain that employee turnover reflects employee unhappiness with the organisation's work relationships, organizational culture and environment, monetary remuneration, and other aspects of employee satisfaction. Thus, companies have to ensure employee job satisfaction since it is the primary factor that determines whether an organisation's employees stay or leave (Iqbal, Guohao & Akhtar, 2017).

According to CSR and HRM experts, the major benefit of active CSR practices is that it helps in attracting, inspiring, and retaining employees (Rózsa et al., 2021). Igbal, Guohao and Akhtar (2017) maintain that companies should strive to keep employee turnover to a minimum because the cost of losing talented, experienced, and competent employees is far more than the expense of employing new ones. The application of CSR indicates a significant impact on staff retention and turnover reduction (Podgorodnichenko, Edgar & Akmal, 2021). Hence, businesses should minimise employee turnover by undertaking employee-related CSR activities that benefit employees by providing a safe and supportive working environment, fair compensation, and appropriate work hours (Feng, Wang & Kreuze, 2017). This may help a company not just recruit and retain people, but also create value via personnel.

According to Carlini and Grace (2021), some of the employee-related CSR activities that a business undertakes may be related to the physical environment (for instance, nap rooms, childcare facilities, gymnasiums, lactation rooms, healthcare, etc.), flexible work hours, telecommuting options, job assignment flexibility and work life balance. These include non-salary monetary activities (for example, coupons, prizes, discounts, free or subsidised parking, meals, etc.) and psychosomatic need fulfilment (such as social events, awards, employee community programs, etc.). Importantly, companies that cater to a wide range of employee requirements have a positive acquisition in the job market and, as a result, workers' desire to work for such an organisation.

Bikefe et al. (2020) presented numerous advantages that organisations gain from participating in CSR. It has the capacity to improve employee morale. New employees are likely to be attracted to a business that is operating in a socially responsible manner. As a result, managers in organisations must use CSR activities as a successful business approach to increase employee morale (Štreimikienė & Ahmed, 2021). Increased morale eventually leads to increased production. Consequently, this study investigates whether CSR has the ability to improve human research performance in the manufacturing SME sector in South Africa.

Hypothesis

The study is based on the following assumption:

H1: The implementation of CSR leads to human resources improvement in the manufacturing SME organisation in South Africa.

H1o: The implementation of CSR does not lead to human resources improvement in the manufacturing SME organisation in South Africa.

The following are sub-hypotheses:

H2: An increase in employee turnover increases human resource performance in the manufacturing SME organisation.

H2o: An increase in employee turnover decreases human resource performance in the manufacturing SME organisation.

H3: An increase in labour absenteeism increases human resource performance in the manufacturing SME organisation.

H3o: An increase in labour absenteeism decreases human resource performance in the manufacturing SME organisation

III. METHODOLOGY

The method for this research will be discussed under the following headings, namely: research design and approach, company that participated in the study, data collection, as well as the measurement and data analysis.

3.1 Research Design and Approach

This study was quantitative in nature. It examines the relationship of human resource performance as a dependent variable to employee turnover and labour absenteeism. Bryman and Bell (2007) explain that the quantitative approach involves the use of statistical procedures to analyse the data collected. Consequently, after the measurements of



Vol 10, Issue 10, October 2023

the relevant variables, the scores were transformed using statistical methods. In addition, the study adopted a panel data analysis. According to Curwin and Slater (2002), panel data analysis is the statistical analysis of data sets consisting of multiple observations on each sampling unit. It contains more degrees of freedom and less multicollinearity than cross-sectional data, thus improving the efficiency of econometric estimates (Bryman & Bell, 2007). For this study, the pre- and post-CSR data that were collected over time from a manufacturing SME organisation were analysed using the regression model. The study was also conclusive in design. Conclusive studies are meant to provide information that is useful in decision-making (Yin, 2008).

3.2 Company that Participated in the Study

A convenience sample from a small-size manufacturing organisation situated within the eThekwini District Municipality in the province of KwaZulu-Natal in South Africa was used. The company that started its operations in 1996, commenced CSR activities in 2016. It has 50 full-time employees. Whilst the focus of the study is on small and medium enterprises, the following Table 1 illustrates the schedule of size standards in South Africa.

Type of Firm	Number of employees
Small	1-50
Medium	51-200

Source: Olawale and Garwe (2010).

Four years prior to the implementation of CSR, the selected company experienced a significant decrease in its financial performance. The quarter-to-quarter financial ratio ranged from 1.1% to 25.4% at an average of 17.5%. In addition, its production costs ranged from 15% to 25% at an average of 20%. This affected the entire business performance. The company operates a three-shift system.

3.3 Data Collection

The collection of data from the company that participated in the study was carried out in two phases, that is, the collection of pre- and post-CSR results by a Human Resource Manager from the operational records. The data for employee turnover and labour absenteeism were kept in a Microsoft Excel folder. The collection of such data over time provided a greater capacity for capturing the complexity of human resource changes than using the one group post-test design that involves the collection of only the post-data after the changes have been implemented, resulting in threats to internal validity (Bryman & Bell, 2007). The validation of data from the excel folder was done by the researcher. This was achieved by comparing data for accuracy from the folder with the documented data kept on files. The pre-CSR results were quarterly data reflecting the company's performance over the three-year period prior to CSR implementation. This includes data from the first quarter of 2013 to the final quarter

of 2015. The post-CSR data reflect the company's performance also for the three-and-a quarter years after CSR was implemented. This includes data from the first quarter of 2017 to the first quarter of 2020.

3.4 Measurement and Data Analysis

The company's quarterly time series data on employee turnover and labour absenteeism were used. The measurements were based on a total of 52 observations. According to Westland (2010), there is no rule regarding the minimum number of observations for a balanced data panel. However, 50 observations are acceptable but more than 100 is recommended (Bryman & Bell, 2007). The regression model used was of the Ordinary Least Square (OLS) variety. The choice was influenced by data constraints. However, the model provided the statistical method that enabled the researcher to examine the relationship between the variables effectively.

A dummy variable which assumed the value of 0 and 1 to represent the pre- and post-CSR, respectively, was introduced into the ordinary least squares (OLS) model. The aim was to isolate the pre- and post-human resource effects. Consequently, if CSR proved to be a useful strategy in raising human resource performance levels, this would result in a statistically significant coefficient on the dummy variable.

The OLS model used was as follows: Human Resource Performance = $B_0 + B_1$ Employee turnover + B_2 Labour absenteeism + B_3 Pre/Post-Dummy

Where B_o is the constant

B=coefficient of the independent variables

The above model identifies human resource performance as a function of employee turnover and labour absenteeism. Data were analysed using the statistical package for social sciences (SPSS) version 25. It enabled the CSR data that was obtained, quarterly, over the multiple period time from the same company, to be appropriately analysed. Hence, the results provided unbiased estimations (Yin, 2008). Furthermore, the OLS was based on the fixed effects model. The fixed effects is a statistical model in which the model parameters are fixed (that is, non-random quantities) (Curwin & Slater, 2002). Consequently, the variables were collected, quarterly, from the first quarter of 2013 to the first quarter of 2020 from the same company.

IV. STUDY RESULTS

This section analyses the results for pre- and post-CSR means comparison, as well as Human Resource Performance.

4.1 Pre- and Post-CSR Means Comparison

Table 2 compares the means (in percentages) for sales and customer retention.



Vol 10, Issue 10, October 2023

TABL	E 2: pre-	and post-C	CSR percen	ntage mean	s comparison

No.	Variable	Pre-CSR period (%)	Post-CSR period (%)	% mean difference (post – pre)
1.	Employee turnover	2.23	0.30	-1.93
2.	Labour absenteeism	11.00	2.84	-8.16

Source: Author's own work.

Results in Table 2 indicate that the percentage mean data for pre-CSR on employee turnover and labour absenteeism are 2.23% and 11%, respectively. In addition, the percentage mean data for post-CSR on the employee turnover and labour absenteeism are 0.30% and 2.84%, respectively. Table 3 shows a decrease in mean values for both employee turnover and labour absenteeism when post-CSR is compared with the pre-CSR periods. This indicates the effect of CSR in the organisation that participated in the study. Consequently, the next section assesses Human Resource results as a consequence of CSR implementation.

4.2 Human Resource Performance Results

Table 3 presents the results for human resource performance as a dependent variable to employee turnover and labour absenteeism.

Regression	Coefficient	t-statistic	Probability
Constant (B _o)	0.570	3.416	0.003
Employee turnover	0.001	0.232	0.820
Labour absenteeism	-0.004	-0.920	0.370
Human resource dummy	0.009	2.046	0.053
R-squared	0.972	F-statistics	97.014
Adjusted R ²	0.962	Sum of Squares	5.830
Standard error of regression	0.100	Durbin-W atson statistics	1.133

TABLE 3: human resource performance results on employee turnover and labour absenteeism.

Source: author's own work

Note: Regression data: 2013–2020 for 52 observations. The following OLS estimation is based on the equation: Human Resource Performance = $B_0 + B_1$ Employee turnover + B_2 Labour absenteeism + B_3 Pre/Post-Dummy.

4.3 Human Resource Performance as a Dependent Variable to Employee Turnover

Results as illustrated in Table 3 show that employee turnover has no relationship with human resource performance in the organisation that participated in the study. This is determined by its t-value of 0.232 as well as the p-value of 0.820. The t-value is below the critical value of 2.000 at the 5% level of significance and the p-value is above the 0.05 level. The null hypothesis of no relationship between these two variables is acceptable.

4.4 Human Resource Performance as a Dependent Variable to Labour Absenteeism

Results as illustrated in Table 3 show that labour absenteeism has no relationship with human resource performance in the organisation that participated in the study. This is determined by its t-value of -0.920 as well as the p-value of 0.370. The t-value is below the critical value of 2.000 at the 5% level of significance and the p-value is above the 0.05 level. The null hypothesis of no relationship between these two variables is acceptable.

4.4 Human Resource Performance as a Dependent Variable to CSR

The results in Table 3 show that CSR has a relationship and is statistically significant with human resource performance as shown by its t-value of 2.046 and the p-value of 0.053. The t-value is above the critical value of 2.000 at the 5% level of significance (Curwin & Slater, 2002) and the p-value equals 0.05. The positive sign indicates that any increase in CSR activities results in an increase in human resource performance. It has the adjusted R² of 0.962, which implies that CSR accounts for approximately 96% of the variance in human resource performance. Furthermore, the serial correlation is also low at 1.133 compared to the standard value of 1.760 at the 5% level of significance (Curwin & Slater, 2002).

V. DISCUSSION

This study investigates the effect of CSR on human resource improvement in the selected manufacturing SME organisation in South Africa. It examined the production and related experience of the manufacturing SME organisation that had adopted a CSR strategy. Quarterly time series data on employee turnover and labour absenteeism were used to analyse data. The results indicate that both employee turnover and labour absenteeism have no relationship with human resource performance post- CSR implementation. However, CSR has a relationship with human resource performance. Any increase in CSR activities results in an increases in human resource performance.

According to Kim and Kim (2021), CSR strategies provide important programmes that employees value, and this is likely to influence favourable attitudes among employees, such as their loyalty to the business. When employees are



Vol 10, Issue 10, October 2023

deeply devoted to the company they may see and believe the organisation's goals, beliefs, and interests to be their own. As a result, they are more likely to make genuine attempts to meet the organisation's expectations by working harder.

VI. IMPLICATIONS OF RESULTS FOR POLICY AND PRACTICE

Organisations in South Africa should revise their performance systems and implement CSR strategies and practices that help to achieve new human resource goals and support organisational change (Smith, 2007). This must be based on an understanding of the economic factors affecting CSR and the significance of improving human resource performance in the manufacturing SME sector. Besides the achievement of study objectives, the following conclusions can be made on the CSR philosophy:

- CSR gives employees a feeling of purpose and belonging, who are driven to reciprocate by giving back to the organisation through improved job performance (Bizri, Wahbi & Al Jardali, 2021).
- CSR activities can impact the dynamics of social interaction within organisations and boost self-esteem and positive workplace atmosphere (Murshed *et al.*, 2021).
- In order to maximise performance, a comprehensive performance policy must be developed, which aligns the CSR strategies to human resource performance (Al Masud *et al.*, 2021).

VII. STUDY LIMITATIONS

The study was limited to a manufacturing SME organisation within the eThekwini District Municipality. The investigation was conducted in a single SME organisation that has adopted CSR strategy. As there are 85 891 formal SME organisations in South Africa (SBI, 2020), the results cannot be extrapolated to other companies within the sector. Secondly, it did not examine the process followed during the CSR execution including (amongst others) the individuals who participated in the implementation process. It only used quarterly time series data to determine the pre-and post-human resource effects resulting from CSR strategy. Lastly, the econometrics model used was of the OLS variety, solely due to data constraints. Future studies ought to use the more advanced Johansen VAR methodology, which relies on large datasets.

VIII. CONCULSION

CSR practices help in attracting, inspiring, and retaining employees (Rózsa *et al.* 2021). Businesses with a high reputation attract employees, resulting in a larger labour supply bargaining for work, which boosts productivity by allowing the company to save money on labour (Newman *et al.*, 2020). This cuts down the advertising costs for recruiting, and employees who are willing to accept lower compensation in exchange for a good reputation are willing to work for a better-known firm (Stuebs & Sun, 2010). Hence, the results of this study suggest that CSR activities have a positive impact on human resource performance in SME manufacturing organisations in South Africa. While employee turnover and labour absenteeism do not directly affect human resource performance, an increase in CSR activities leads to an improvement in overall human resource performance. These results contribute to the theoretical understanding of the relationship between CSR practices and human resource performance in the context of SMEs, providing valuable insights for managers and policymakers in South Africa. CSR is an approach that takes advantage of a focused organisational strategy to human resources practices (Podgorodnichenko *et al.*, 2021; Feng *et al.*, 2021).

IX. FUTURE RESEARCH REQUIRED

During the course of this study, issues relating to the long-term survival of CSR strategy after implementation were not covered. This includes the applicability of CSR to a wider sector of the economic activity, including the public sector. The nature of this research did not allow these areas to be covered in depth. It is recommended that future research should examine the following issues in greater depth:

- When to use and when not to use CSR strategy;
- The applicability of a CSR approach to other industrial sectors;
- The process followed during the implementation of CSR strategy; and
- A more comprehensive investigation should be carried out using a randomised sample of the registered manufacturing SMEs that use a CSR strategy to see if the results can be generalised.

The study investigated the effect of CSR on the human resource performance in the selected manufacturing SME organisation in South Africa. The pre- and post-CSR quarterly data from company records were collected. It established that neither employee turnover nor labour absenteeism have a relationship with human resource performance post- CSR implementation. However, CSR has a relationship with human resource performance. Any increase in CSR activities results in an increase in human resource performance.

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Vol 10, Issue 10, October 2023

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International Journal of Science, Engineering and Management (IJSEM)

Vol 10, Issue 10, October 2023

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