

The Green Workforce: Driving Corporate Sustainability through Strategic HR in India

Praveen B¹, Rakesh S², Rameez Riswan K³, Dr. M. Priya⁴

III BBA International Business, Department of Business Administration, School of Management¹⁻³

Assistant Professor, Department of Business Administration, School of Management⁴

Nehru Arts and Science College, Coimbatore

Abstract: *Environmental sustainability has become a key priority for organizations worldwide. Green Human Resource Management (GHRM) integrates environmental objectives with human resource policies and practices to promote sustainable organizational behavior. The present study examines the role of Green HRM in promoting corporate sustainability in Indian organizations. The research focuses on identifying various green HR practices adopted by Indian corporates and understanding their impact on employee awareness and environmental responsibility. The study utilizes a descriptive research design with both primary and secondary data sources. Data were collected from employees working in selected corporate organizations through a structured questionnaire. Statistical tools such as percentage analysis and tabular interpretation were used to analyze the data. The results indicate that Green HRM practices such as green recruitment, green training, eco-friendly workplace policies, and green performance management significantly influence employee participation in sustainability initiatives. The study concludes that strategic HR practices play a crucial role in building a green workforce and ensuring long-term corporate sustainability.*

Keywords: Green HRM, Corporate Sustainability, Environmental Management, Green Workforce, Strategic HR Practices

I. INTRODUCTION

In recent decades, environmental sustainability has emerged as one of the most significant concerns for organizations and governments across the world. Rapid industrialization, climate change, and environmental degradation have compelled companies to adopt sustainable business practices. In this context, Human Resource Management (HRM) plays an important role in shaping employee behavior and promoting environmentally responsible practices within organizations.

Green Human Resource Management (GHRM) refers to the integration of environmental management into HR policies such as recruitment, training, performance evaluation, and compensation. Through GHRM practices, organizations encourage employees to adopt eco-friendly behaviors and contribute to sustainable development goals.

In India, many corporate organizations have started implementing green initiatives such as paperless offices, energy conservation programs, waste reduction policies, and environmentally responsible supply chains. Companies like ITC, Wipro, and Tata Motors have adopted sustainability programs that involve employees in environmental initiatives.

A green workforce not only enhances organizational reputation but also improves operational efficiency and reduces environmental impact. Therefore, integrating sustainability with HR strategies is essential for achieving long-term business success.

II. REVIEW OF LITERATURE

The review of literature provides an overview of previous research related to Green Human Resource Management (GHRM) and its role in promoting corporate sustainability. Several scholars have examined how environmental practices can be integrated into human resource policies to create sustainable organizational behavior. Earlier studies highlight the



importance of green recruitment, training, performance appraisal, and employee engagement in achieving environmental goals. The literature also emphasizes that effective implementation of GHRM practices can enhance organizational reputation, employee commitment, and environmental performance. Therefore, reviewing earlier research helps in understanding the existing knowledge, identifying research gaps, and providing a foundation for the present study.

Ahmad (2015) examined the policies and practices associated with Green Human Resource Management. The study found that organizations adopting green HR strategies were able to improve environmental performance and enhance employee engagement. It also highlighted the importance of integrating environmental objectives into recruitment and training processes. Deshwal (2015) explained that Green HRM helps organizations develop environmentally responsible employees. The study emphasized that HR managers play a critical role in creating environmental awareness among employees through training and development programs. Mishra (2017) developed a framework for implementing Green HRM practices in emerging economies. The research concluded that organizations implementing green practices experienced improved sustainability performance and greater employee involvement in environmental initiatives.

Jalaja (2018) studied the adoption of Green HRM practices in Indian organizations. The findings revealed that organizations were gradually adopting eco-friendly HR policies but still faced challenges such as lack of awareness and high implementation costs. Peerzadah, Mufti & Nazir (2018) The researchers reviewed several studies on GHRM and concluded that green HR policies significantly influence employee attitudes toward environmental protection. They suggested that organizations should integrate sustainability into HR functions to achieve long-term growth. Majeed & Khan (2019) highlighted that GHRM practices contribute to corporate social responsibility and improve organizational reputation. Their study suggested that green initiatives help companies build a strong brand image.

Rizvi & Garg (2021) examined the relationship between green culture and environmental performance. The research found that organizations with strong green cultures demonstrated higher levels of environmental efficiency. Renwick et al. (2013) emphasized that green recruitment and training programs help organizations attract environmentally conscious employees and improve sustainability performance. Jackson et al. (2011) discussed how HR policies can promote environmental management within organizations. The study suggested that employee involvement is essential for achieving sustainability goals. Jabbour (2015) identified that green HRM practices positively influence organizational environmental performance and encourage innovation in sustainability practices.

Mandip (2012) argued that green HR practices help organizations reduce waste, conserve energy, and improve overall operational efficiency. Daily & Huang (2001) highlighted the importance of employee training programs in achieving environmental management goals within organizations. Sarkar (2012) suggested that HR departments play a crucial role in implementing environmental policies and motivating employees to adopt eco-friendly practices. Yong et al. (2020) analyzed green HRM practices in multinational companies and concluded that environmental training and performance management significantly improve sustainability outcomes.

Research Gap

Although several studies have explored Green HRM practices globally, limited research focuses on how these practices influence employee participation in sustainability initiatives within Indian corporates. This study attempts to bridge this gap by analyzing the role of strategic HR practices in developing a green workforce.

The review of literature indicates that Green Human Resource Management plays a crucial role in promoting environmental sustainability within organizations. Previous studies highlight that practices such as green recruitment, green training, and environmentally focused performance management positively influence employee behavior and organizational sustainability. Many researchers emphasize that employee awareness and participation are essential for the successful implementation of green initiatives. However, several studies also reveal that the adoption of Green HRM practices in developing countries like India is still at an emerging stage. Therefore, further research is needed to examine the practical implementation of Green HRM and its impact on corporate sustainability. This study attempts to contribute to this area by analyzing Green HRM practices in Indian corporate organizations.



NEED OF THE STUDY

Organizations today face increasing pressure to adopt sustainable practices due to environmental concerns and stakeholder expectations. Green HRM helps organizations integrate sustainability into employee management systems. However, the implementation of such practices in Indian corporates remains inconsistent. Therefore, this study is needed to understand the extent to which Green HRM practices contribute to corporate sustainability.

PROBLEM STATEMENT

Despite growing awareness about environmental sustainability, many organizations struggle to integrate green practices into their HR policies. The lack of employee participation, insufficient training, and limited strategic planning hinder the effectiveness of Green HRM initiatives. This study aims to examine how strategic HR practices can develop a green workforce in Indian organizations.

SCOPE OF THE STUDY

The study focuses on Green HRM practices adopted by corporate organizations in India. It examines employee awareness, participation, and organizational initiatives related to environmental sustainability.

LIMITATIONS OF THE STUDY

- The study is limited to selected corporate employees.
- Data collected is based on respondent perceptions.
- Time constraints limited the size of the sample.
- The findings cannot be generalized to all organizations.

RESEARCH OBJECTIVES

- To examine the concept and importance of Green Human Resource Management.
- To identify Green HRM practices adopted by Indian corporate organizations.

Hypothesis Statement

H₀: Green HRM practices do not significantly influence corporate sustainability.

H₁: Green HRM practices significantly influence corporate sustainability.

H₀: There is no significant relationship between employees' awareness of Green HRM practices and their participation in environmental sustainability initiatives in corporate organizations.

H₁: There is a significant relationship between employees' awareness of Green HRM practices and their participation in environmental sustainability initiatives in corporate organizations.

RESEARCH DESIGN

Population

Employees working in selected corporate organizations in India.

Data Collection

Primary data were collected through questionnaires and secondary data from journals and reports.

Sample Design

Convenience sampling method was used.

Sample Size: 120 respondents.

Tools Used

Percentage Analysis

Tabular Analysis



III. DATA ANALYSIS AND INTERPRETATION

Table 1: Gender of Respondents

Gender	Respondents	Percentage
Male	70	58%
Female	50	42%

Interpretation: Majority of respondents are male employees.

Table 2: Age Distribution

Age	Respondents	Percentage
20-30	45	37%
31-40	40	33%
41-50	25	21%
Above 50	10	9%

Interpretation: Most respondents belong to the 20-30 age group.

Table 3: Awareness of Green HRM

Response	Respondents	Percentage
Yes	85	71%
No	35	29%

Interpretation: Majority of employees are aware of Green HRM.

Table 4: Green Training Programs

Response	Respondents	Percentage
Provided	78	65%
Not Provided	42	35%

Interpretation: Many organizations conduct green training programs.

Table 5: Green Recruitment Practices

Response	Respondents	Percentage
Yes	70	58%
No	50	42%

Interpretation: Several companies consider environmental awareness during recruitment.

Table 6: Employee Participation in Green Activities

Response	Respondents	Percentage
High	60	50%
Moderate	40	33%
Low	20	17%

Interpretation: Half of the employees actively participate in green initiatives.

Table 7: Impact of Green HRM on Sustainability

Response	Respondents	Percentage
Strong Impact	68	57%
Moderate Impact	35	29%
Low Impact	17	14%

Interpretation: Most respondents believe Green HRM positively influences sustainability.

Chi-Square Test

Table: Relationship between Awareness of Green HRM and Participation in Green Activities

Awareness / Participation	High	Moderate	Low	Total
Aware of Green HRM	50	25	10	85
Not Aware of Green HRM	10	15	10	35



Total	60	40	20	120
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Chi-Square Calculation

Cell	Observed (O)	Expected (E)	(O-E) ² /E
Aware – High	50	42.5	1.32
Aware – Moderate	25	28.3	0.38
Aware – Low	10	14.2	1.24
Not Aware – High	10	17.5	3.21
Not Aware – Moderate	15	11.7	0.93
Not Aware – Low	10	5.8	3.03

Calculated Chi-Square Value = 10.11

Degree of Freedom = (r-1)(c-1) = (2-1)(3-1) = 2

Table Value at 5% Level = 5.99

Since calculated value (10.11) > table value (5.99), the null hypothesis is rejected.

Interpretation:

There is a significant relationship between employee awareness of Green HRM practices and their participation in environmental sustainability activities.

IV. FINDINGS

- Majority of employees are aware of Green HRM practices.
- Organizations are increasingly implementing green training programs.
- Green recruitment is gradually becoming a common HR strategy.
- Employee participation in environmental initiatives is moderate to high.
- Green HRM practices significantly contribute to corporate sustainability.
- Majority of employees are aware of Green HRM practices in their organizations.
- Employees who are aware of Green HRM show higher participation in environmental initiatives.
- Green training programs contribute significantly to employee awareness about sustainability practices.
- Organizations adopting green recruitment policies attract environmentally conscious employees.
- Green HRM practices improve employee engagement in sustainability initiatives.
- Corporate organizations are gradually integrating environmental goals into HR policies.
- The chi-square test confirms that awareness of Green HRM significantly influences employee participation in green activities.

V. SUGGESTIONS

- Organizations should integrate environmental objectives into HR policies.
- More green training programs should be conducted for employees.
- Companies should promote green recruitment strategies.
- Employee participation in sustainability initiatives should be encouraged through incentives.
- Organizations should increase awareness about environmental sustainability through regular training programs.
- HR departments should integrate green practices into recruitment and performance appraisal systems.
- Companies should encourage employees to participate in environmental initiatives such as energy conservation and waste management.
- Green incentives and rewards should be introduced to motivate employees toward eco-friendly practices.
- Organizations should adopt paperless operations and digital documentation to reduce environmental impact.
- Management should establish clear sustainability policies and communicate them effectively to employees.



VI. CONCLUSION

Green Human Resource Management has become an essential strategy for achieving corporate sustainability. By integrating environmental goals with HR practices, organizations can build a workforce that supports sustainable development. Indian corporates are gradually adopting green initiatives, but greater awareness and strategic implementation are required. Effective Green HRM practices will not only reduce environmental impact but also enhance organizational reputation and long-term competitiveness.

By integrating environmental concerns into HR policies such as recruitment, training, performance evaluation, and employee engagement, organizations can build a workforce that actively supports sustainable development goals. The findings of the study indicate that employee awareness and participation in green initiatives significantly contribute to environmental sustainability within organizations. The chi-square analysis also confirms that awareness of Green HRM practices influences employee participation in environmental activities. Indian corporate organizations are gradually adopting green practices; however, greater emphasis is required on strategic HR involvement and continuous employee training. Therefore, organizations should strengthen their green HR policies to promote environmentally responsible behavior and ensure long-term sustainable growth.

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