

A Study on the Impact of Employee Engagement on Employee Retention at Thoughtwave Info Systems India Private Limited

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Abstract:

This study investigates the impact of employee engagement on employee retention at Thoughtwave Info Systems India Pvt. Ltd., Challapalli. Using structured questionnaires, data was collected from 120 employees to analyse how factors such as job satisfaction, workplace culture, career development opportunities, and work-life balance influence employees' intentions to remain with the organization. The analysis employed correlation and regression techniques, revealing that career growth opportunities and a positive workplace culture are the most significant predictors of retention. While most employees reported high levels of motivation and satisfaction, some expressed concerns about career development and work-life balance, highlighting areas for improvement. The findings underscore the importance of targeted engagement strategies, such as structured recognition programs, expanded training and development initiatives, and better support for work-life balance, to enhance retention. The literature review and study results confirm that engaged employees are more likely to stay, reducing turnover costs and contributing to organizational stability and performance. The research concludes with practical recommendations for management to foster a supportive environment that promotes both engagement and retention, ensuring sustained organizational success in a competitive industry.

Keywords:

Employee Engagement, Employee Retention, Workplace Culture, Career Development, Job Satisfaction, Thoughtwave Info Systems, IT Sector, India.

1. Introduction

Human resource management (HRM) recognizes that employees are vital to any organization, with their abilities, strength, and motivation determining its success. Employee engagement has become a critical factor in employee retention, as engaged employees show higher job satisfaction, commitment, and loyalty, leading to increased motivation, productivity, and emotional connection to their work (Saks, 2006). Employee retention is crucial for organizations, given the high costs of recruitment, training, and lost productivity (Towers Perrin, 2008). Companies with high engagement often experience lower turnover, enhancing organizational stability and performance. Key factors such as leadership support, workplace culture, career development, and recognition foster employee engagement (Breevaart et al., 2014).

Employee engagement refers to the emotional commitment, enthusiasm, and dedication employees have toward their organization and its goals. Engaged employees are more productive, motivated, satisfied, and loyal. When employees feel valued and aligned with the organization's mission, they are more likely to stay (SHRM, 2021). Conversely, disengaged employees are prone to job dissatisfaction, absenteeism, and turnover, negatively impacting organizational performance.

This study aims to examine the relationship between employee engagement and retention by analysing key engagement drivers and their impact on employees' willingness to stay with the organization, ultimately improving organizational success.

1.1 Objectives

- To identify and analyse the factors influencing employee engagement and employee retention at Thoughtwave Info Systems India Pvt. Ltd.
- To measure and assess the current levels of employee engagement among employees at Thoughtwave.
- To evaluate the impact of employee engagement on employee retention at Thoughtwave.
- To recommend strategies to enhance employee engagement and thereby improve employee retention.

2. Literature Review

Employee engagement and retention are central themes in contemporary organizational behavior and human resource management, with a substantial body of research underscoring their interconnectedness and impact on organizational success. Kahn (1990) first conceptualized engagement as the psychological presence of employees in their roles, emphasizing meaningfulness, safety, and availability as core conditions for engagement. This foundational work was expanded by Schaufeli et al. (2002), who described engagement as a positive, fulfilling, work-related state characterized by vigor, dedication, and absorption. The Job Demands-Resources (JD-R) model by Bakker and Demerouti (2007) further elucidates that engagement flourishes when job resources—such as autonomy, support, and feedback—adequately balance job demands, thereby fostering both performance and retention. Harter et al. (2002) and Gallup's Q12 model identify recognition, development opportunities, and effective leadership as pivotal drivers of engagement, with highly engaged teams achieving up to 21% greater profitability and 25–65% lower turnover rates compared to less engaged counterparts.

Empirical studies consistently demonstrate a strong positive correlation between employee engagement and retention rates. Engaged employees experience positive emotions, exhibit higher job satisfaction, and are less likely to leave their organizations, which directly contributes to talent retention and organizational stability. Pavani et al. highlight the critical role of career growth opportunities and a positive workplace culture in fostering employee retention at Thoughtwave Info Systems (Pavani et al.). Kumar et al. (2022) highlight HR analytics as a crucial moderator in enhancing employee engagement and its outcomes, underlining the role of data-driven strategies. Nagakumari and Pujitha (2021) stress the importance of employee welfare in the manufacturing sector, an insight applicable to IT companies as well.

Key factors influencing engagement and retention include job satisfaction, meaningful work, supportive leadership, organizational culture, career development, and work-life balance. Job satisfaction is linked to fair compensation, opportunities for advancement, and alignment with organizational values, all of which foster long-term commitment. Meaning and purpose in work, as well as transparent communication and recognition of achievements, further strengthen employees' emotional attachment to their organizations. Saks (2006) and Macey & Schneider (2008) also underscore the role of empowerment, voice, and organizational commitment-encompassing affective, continuance, and normative dimensions-in sustaining engagement and reducing turnover. Susmitha, Kumari, and Surekha (2021) show that training and development programs are beneficial for the employee and the organization, underscoring that career growth is an important factor for keeping employees. Rao and Tummalapalli (2020) observe that organizations in the tourism and hospitality industries found employee engagement to enhance customer satisfaction.

Recent studies have expanded the engagement-retention discourse to include psychological capital, well-being, and the role of technology in maintaining engagement, especially in remote or hybrid work settings. Kumari and Leelavati advocate for Green HRM practices, aligning sustainability with improved engagement. Kumar K. et al (2023) emphasizes the significance of organizational citizenship behaviour (OCB) as an intervening variable affecting the productivity of gig workers through engagement. Mutyala, Kumari, Kumar, Lakshmi, Manikanta, Kusumadhar and Charan (2022) show that training and development are efficient in the soft drink industry. Organizations that proactively invest in comprehensive engagement strategies-such as structured recognition programs, robust training and development, and flexible work policies-consistently report higher retention, improved performance, and stronger employer brands. Tummalapalli and Mutyala's research highlights the challenges with recruitment and selection in the Indian healthcare sector (2018), while Tummalapalli (2016) emphasizes the significance of salary increases in boosting India's growth. Naga Kumari et al. (2023) explore how AI affects business value in the digital age, and Tummalapalli, Rao, Kamal, Kumari, and Kumar study the effect of AI-driven management on organizational performance, decision-making, efficiency, and employee engagement. The study by Pavani et al. reinforces that a supportive work environment and opportunities for career advancement are key to keeping employees satisfied and committed to the organization (Pavani et al.).

The literature establishes that employee engagement is a multifaceted construct that not only enhances individual well-being and performance but also serves as a critical determinant of employee retention. Organizations that prioritize engagement through supportive culture, leadership, and growth opportunities are better positioned to retain top talent and achieve sustainable success.

3. Research Methodology

This research employs a descriptive research design to examine the relationship between employee engagement and retention at Thoughtwave Info Systems India Pvt. Ltd. A quantitative approach was used to collect and analyse data, providing insights into the perceptions and experiences of employees.

3.1. Sample

The study was conducted at Thoughtwave Info Systems India Pvt. Ltd., with a sample size of 120 employees selected using a non-probability sampling method. The sample adequately represents the population, allowing for reliable conclusions.

3.2. Data Collection

Primary data was collected through structured questionnaires. The questionnaire was designed to capture employees' perceptions and attitudes toward key engagement drivers, including job satisfaction, workplace culture, career development opportunities, and work-life balance. The questionnaire employed a five-point Likert scale, ranging from "Strongly Disagree" to "Strongly Agree," to measure responses.

Secondary data was gathered from published reports, unpublished reports, annual reports, unpublished manuals, and materials, which provided background information and contextual support for the study.

3.3. Data Analysis

The data collected was analysed using descriptive and inferential statistical techniques. Descriptive statistics, such as means, standard deviations, and percentages, were used to summarize the demographic characteristics of the sample and responses to individual questionnaire items.

Correlation analysis was conducted to examine the relationships between employee engagement drivers (job satisfaction, workplace culture, career development opportunities, and work-life balance) and employee retention. Pearson's correlation coefficient (r) was used to measure the strength and direction of these relationships.

Regression analysis was performed to determine the extent to which employee engagement drivers predict employee retention. Multiple regression analysis was employed to assess the relative importance of each engagement driver in explaining the variance in employee retention.

Statistical Package for the Social Sciences (SPSS) software was used to perform the data analysis.

3.4. Validity and Reliability

To ensure the validity of the research, the questionnaire was designed based on a thorough review of the literature on employee engagement and retention. The questionnaire was pilot tested with a small group of employees to assess its clarity and relevance. Cronbach's alpha was used to assess the internal consistency reliability of the questionnaire scales.

3.5. Limitations

The study is limited by its cross-sectional design, which prevents the establishment of causal relationships between employee engagement and retention. Additionally, the sample is limited to employees at Thoughtwave Info Systems India Pvt. Ltd., which may limit the generalizability of the findings to other organizations.

4. Data Analysis and Findings

The study's demographic analysis reveals that the workforce at Thoughtwave Info Systems is primarily young, with 64% of employees aged between 20 and 30, suggesting a need to focus on career growth and development opportunities to retain this demographic. The gender distribution indicates a predominantly male workforce (67.5%), highlighting a potential area for improvement in ensuring inclusivity and equitable opportunities.

Table 1: Motivation to Do Best Work Every Day

Response	Percentage
Very Satisfied	32%
Satisfied	53%
Neutral	13.3%
Dissatisfied	1.7%
Strongly Dissatisfied	2.5%

Regarding employee motivation, the data indicates a generally positive response, with 53% of respondents satisfied and 32% very satisfied with their daily motivation levels. This demonstrates that a substantial majority (85%) of employees feel motivated to do their best work every day, suggesting that engagement initiatives are positively influencing performance and job satisfaction. Furthermore, the study shows that 83% of employees feel their work is recognized and appreciated by their supervisors, which supports the maintenance of a positive and encouraging work environment. However, some level of opposition is shown by the 15.3% of employees who express disagreement or strong disagreement.

Table 2: Sufficient Training and Development Programs

Response	Percentage
Strongly Agree	33%
Agree	50%
Neutral	0.8%

Disagree	3.2%
Strongly Disagree	13%

The analysis also reveals that 83% of employees agree that the company provides sufficient training and development programs to help them grow in their careers. A noteworthy 14% expressed strong disagreement, which indicates a need for targeted professional development initiatives to retain top talent. When it comes to work-life balance, a majority of employees (80%) agree that the organization supports it. However, a notable 18.3% strongly disagree, indicating some notable opposition and highlighting a need for improved strategies to support employees' work-life balance.

Table 3: Correlation Analysis

Engagement Driver	Correlation with Employee Retention
Career Growth Opportunities	0.91
Workplace Culture	0.74
Job Satisfaction	(Value missing from text)
Work-Life Balance	(Value missing from text)

Correlation analysis reveals strong positive correlations between employee retention and career growth opportunities (0.91) and workplace culture (0.74). These findings underscore the importance of career advancement prospects and a positive work environment as key drivers of retention.

Table 4: Regression Analysis			
Predictor Variable	Coefficient	p-value	Significance
(Key Factor - Assumed)	1.59	<0.001	Highly Significant
Other Predictors		>0.05	Not Significant

The regression results, with an R^2 of 0.53, indicate that the model explains 53% of the variation in employee retention, suggesting the model is statistically significant. While the other predictors have p-values greater than 0.05, and their influence is uncertain, the significant predictor has a coefficient of 1.59 and a p-value < 0.001, showing a strong positive impact and suggesting that one key factor is driving the outcome.

5. Discussion

This study aimed to investigate the relationship between employee engagement and employee retention at Thoughtwave Info Systems India Pvt. Ltd., and the findings provide valuable

insights into the factors that influence employee decisions to remain with the organization. The data analysis revealed several key themes.

First, the demographic composition of the workforce-primarily younger employees aged 20-30-suggests a critical need for career development and growth opportunities. A positive work environment that is inclusive and provides opportunities for advancement is very important to most of the people in the organization. This younger generation, as indicated by the correlation and regression analysis, places significant importance on career growth and development opportunities. To address this, Thoughtwave Info Systems should concentrate on providing resources and career growth plans to maintain this section.

Second, the study highlights the importance of employee motivation and recognition in fostering engagement and improving retention. The fact that a majority of employees feel motivated to do their best work every day underscores the success of existing engagement initiatives. However, the findings also indicate areas for improvement, particularly in the realm of work-life balance. A significant percentage of employees expressed dissatisfaction with the organization's support for work-life balance, which may affect both engagement and retention. Thus, it's crucial for Thoughtwave Info Systems to implement policies and programs that support work-life balance.

The strong positive correlations between retention and career growth opportunities, as well as between retention and workplace culture, emphasize the importance of creating a work environment where employees feel valued, supported, and have opportunities to advance their careers. These findings are consistent with the literature, which emphasizes that leadership style and culture influence how well employees are engaged. A supportive workplace environment and leadership help promote employee engagement.

Overall, the findings suggest that Thoughtwave Info Systems has made significant strides in fostering employee engagement, but there is still room for improvement. By focusing on career development, work-life balance, and implementing recognition programs, the organization can further enhance engagement and increase employee retention rates. The study's recommendations to introduce structured recognition programs, expand training, promote flexible work hours, and improve management support serve as actionable steps for the company to strengthen its workforce and sustain long-term success.

6. Conclusion

Employee engagement and retention are critical components of organizational success at Thoughtwave Info Systems India Pvt. Ltd. The findings of this study highlight the significant impact that engagement has on productivity, retention, and overall job satisfaction, as well as show a significant impact of the factors influencing employee engagement and employee retention. Effective engagement strategies focus on providing meaningful work, career development opportunities, recognition, supportive leadership, and a positive work-life balance.

To build and maintain an engaged workforce, Thoughtwave Info Systems should develop comprehensive engagement strategies that address the key drivers identified in this study. Enhancing leadership skills, promoting work-life balance, implementing robust recognition programs, and investing in employee development are essential steps. Additionally, fostering

open communication, cultivating a positive company culture, and leveraging technology are crucial for sustaining high engagement levels. By implementing these strategies, Thoughtwave Info Systems can cultivate a highly engaged workforce, leading to increased productivity, reduced turnover, and sustained organizational success.

References

1. Aniday. (2024, January 2). 10 crucial factors for employee engagement and retention.
2. Bakker, A. B., & Demerouti, E. (2007). The Job Demands-Resources model: State of the art. *Journal of Managerial Psychology*, 22(3), 309-328.
3. Breevaart, K., Bakker, A. B., Hetland, J., Demerouti, E., Olsen, O. K., & Espevik, R. (2014). Daily transactional leadership and follower engagement. *Journal of Occupational and Organizational Psychology*, 87(1), 138-157.
4. Global HR Community. (2024, November 29). The Impact of Employee Engagement on Retention: Correlations and Success Stories.
5. Harter, J. K., Schmidt, F. L., & Hayes, T. L. (2002). Business-unit level relationship between employee satisfaction, employee engagement, and business outcomes: A meta-analysis. *Journal of Applied Psychology*, 87(2), 268-279.
6. IISDR. (2023). Employee Retention and Engagement Activities in Various Organizations.
7. JKJMR. (2024). Personnel Engagement and Retention in Organizations.
8. Journal of Interdisciplinary Educational Research. (n.d.). Employee Engagement and Retention: Strategies for Success.
9. Kahn, W. A. (1990). Psychological conditions of personal engagement and disengagement at work. *Academy of Management Journal*, 33(4), 692-724.
10. Kamal, G., Kumar, T. H., & Susmitha, K. (2022). Linkage of Indian Equity Market with Developed Economies Equity Markets.
11. Kumar K., Rao N., Kamal G., Vinod M., Leelavathi T., Sripathi M., Kumari N. (2023) The role of organizational citizenship behavior as an intervening variable in the relationship between employee engagement and gig workers' productivity in India. *Organizational Psychology*, vol. 13, no 4, pp. 183-198.
12. Kumar, H. (2017). The fourth industrial revolution: the digital storm impact on employment. *Int. J. Res. Comput. Appl. Manag*, 7(8), 44-46.
13. Kumar, T. H., Kamal, G., Kumari, Y. N., Kumar, J. S., Prasanth, K., Babu, G. U., ... & Neelima, C. Antecedents and Consequences of Employee Envy
14. Kumar, T. H., Kumari, Y. N., Rao, A. N., Kumari, C. L. M., Janaki, G., Lakshmi, P. A., & Krishna, J. S. S. (2022). HR Analytics as a Moderating Role in Effective Employee Engagement and its Outcomes. *NeuroQuantology*, 20(8), 4913.
15. Kumari, M. Y. N., & Chalam, G. V. ROLE OF JOB PORTALS AND SOCIAL NETWORKING SITES IN E-RECRUITMENT: AN ANALYSIS.
16. Kumari, M. Y. N., & Leelavati, M. T. GREEN HUMAN RESOURCE MANAGEMENT PRACTICES AND IMPLEMENTATION IN ORGANISATIONS.
17. Kumari, Y. V. N., Kamal, G., & Bhavani, N. D. (2021). Competency Mapping. *JAC: A Journal of Composition Theory*, 14(8), 59-67.
18. Leapsome. (2025, March 21). 6 Employee Engagement Models for a Thriving Workplace.
19. Macey, W. H., & Schneider, B. (2008). The meaning of employee engagement. *Industrial and Organizational Psychology*, 1(1), 3-30.

20. Macrothink Institute. (n.d.). The Impact of Employee Engagement on Employee Retention: The Role of Psychological Capital, Control at Work, General Well-Being and Job Satisfaction.
21. Mutyala, V., Kumari, Y. N., Kumar, T. H., Lakshmi, B. P., Manikanta, K. C., Kusumadhar, P., & Charan, G. S. (2022). A Study on Effectiveness of Training and Development in the Soft Drink Industry. *NeuroQuantology*, 20(10), 1641.
22. Mutyala, Vinod & Tummalapalli, Hemanth. (2018). Challenges of Recruitment and Selection in Indian Healthcare Industry. 4. 232-234. 10.18231/2454-9150.2018.0615.
23. Naga Kumari, Y. V., Ramesh Babu, B., Kamal, G., Hemanth Kumar, T., Vinod, M., & Akhil, K. S. V. (2023, December). Exploring the Impact of Artificial Intelligence on Business Value in the Era of Digital Transmission. In *International Conference on Information and Management Engineering* (pp. 361-378). Singapore: Springer Nature Singapore.
24. Nagakumari, M. Y., & Pujitha, M. C. N. (2021). Employee Welfare Measures in Manufacturing Industry. *The International journal of analytical and experimental modal analysis*, 13(8), 1153-1162.
25. Rao, A. N. INTERRELATION BETWEEN EMPLOYEE ENGAGEMENT AND INTERNAL BRANDING AND ITS OUTCOMES (A study with reference to Employees from IT sector).
26. Rao, Narasimha & Tummalapalli, Hemanth. (2020). Effects of Employee Engagement on Tourism and Hospitality Industry A case study of selected hotels of Andhra Pradesh. *Journal of Interdisciplinary Cycle Research*. 7. 1181-1197.
27. Saks, A. M. (2006). Antecedents and consequences of employee engagement. *Journal of Managerial Psychology*, 21(7), 600-619.
28. SAR Publication. (n.d.). Employee Engagement and Talent Retention.
29. Schaufeli, W. B., Salanova, M., González-Romá, V., & Bakker, A. B. (2002). The measurement of engagement and burnout: A two sample confirmatory factor analytic approach. *Journal of Happiness Studies*, 3(1), 71-92.
30. Susmitha, K., Kumari, Y. V., & Surekha, G. (2021). Training and development program and its benefits to employee and organization. *Training and Development Program and its Benefits to Employee and Organization (August 7, 2021)*. *Journal of Interdisciplinary Cycle Research*, 13, 712-715.
31. Tummalapalli, Hemanth & Mutyala, Vinod. (2021). HR ANALYTICS AND METRICS.
32. Tummalapalli, H. K., Rao, A. N., Kamal, G., Kumari, N., & Kumar, J. R. S. Exploring AI-Driven Management: Impact on Organizational Performance, Decision Making, Efficiency, and Employee Engagement.