A Study on The Challenges Affecting Employee Efficiency At Integra Software Services Pvt. Ltd

Rishanth. B[1], Dr. A. Mathiazhaghan[2]
[1]Dept of Management Studies
[2]Assist.Professor, Dept of Management Studies
[1, 2] Sri ManakulaVinayagar Engineering College (Autonomous), Puducherry

Abstract- *Employee efficiency remains a critical determinant of organizational productivity and competitive sustainability. This study investigates the primary challenges affecting employee performance across diverse workplace environments. Key influencing factors identified include excessive workload, insufficient training, lack of motivation, ineffective supervision, workplace stress, communication barriers, and limited resource accessibility. The research utilized primary data to assess the extent to which these variables impact overall efficiency and task accomplishment. Findings indicate that performance gaps frequently stem from inadequate organizational practices, low morale, and limited skill enhancement opportunities. The study further highlights that strategic improvements such as enhanced leadership involvement, structured training initiatives, improved internal communication frameworks, and employee welfare measure scan significantly elevate efficiency levels.*

Keywords- Employee efficiency, workplace challenges, motivation, organizational performance, training and development, communication barriers, leadership support

I. INTRODUCTION

In today's competitive digital service landscape, organizations are increasingly focused on enhancing employee efficiency to maintain service quality and meet strict delivery timelines. Integra Software Services Pvt. Ltd., a leading digital content and IT-enabled solutions provider in Puducherry, relies heavily on its human capital to sustain innovation, productivity, and service excellence. As a service-driven organization, performance outcomes depend on employee capability, adaptability, and task proficiency, making efficiency a critical determinant of organizational success.

Despite modern technological tools and structured processes, organizations continue to encounter challenges that hinder efficiency. Factors such as workload pressure, role ambiguity, inadequate training, communication gaps, motivation levels, and workplace stress significantly impact employee output. In the IT and digital publishing sectors, where rapid technological shifts and global client expectations dominate, maintaining consistent efficiency becomes essential yet challenging. Employees at Integra are often required to multitask, work in shifts, and respond to tight international deadlines, creating conditions that may affect both performance and well-being.

Understanding employee efficiency at Integra is therefore crucial from both organizational and employee perspectives. Enhancing efficiency enables profitability, client satisfaction, and competitive advantage, while employees benefit through career development, increased satisfaction, and skill enhancement. This study aims to identify the key factors influencing efficiency, analyze root causes of performance challenges, and propose strategies to strengthen productivity within a dynamic IT-service environment. The insights derived may further serve as a reference for similar mid-sized technology-driven enterprises in India.

Objectives of the study

- To identify the key challenges affecting employee efficiency.
- To gather employee feedback on the challenges faced in completing task efficiently.
- To analyze the impact of the challenges on employee performance.

II. REVIEW OF LITERATURE

The relationship between employee performance, burnout, and workplace context has been extensively examined in contemporary organizational studies. Lei, Alam and Bashir (2024) report that higher job performance is not inherently linked to burnout; instead, access to counselling and preventive support systems significantly moderates exhaustion, indicating that employee efficiency can be sustained through proactive wellbeing integration. Complementing this, Wolfe (2024) finds that High-Performance Work Practices (HPWPs) exert dual effects: while they enhance competence and expectations, they also increase work intensity when poorly supported, thereby potentially elevating burnout risk. In parallel, Pothuganti

(2024) identifies technostress dimensions overload, invasion and complexity as critical digital-era stressors and highlights organizational inhibitors such as training and technological support as essential to maintaining productivity.

Remote working literature further underscores the nuanced interplay between efficiency and wellbeing. Wells et al. (2023) document mixed psychosocial and health outcomes, ranging from improved mood to loneliness and sedentary strain, suggesting that remote work benefits require structured ergonomics and boundary management. In hybrid work settings, Saleem and Malik (2023) demonstrate that technostress negatively influences quality of work life (QWL), with organizational flexibility serving as a moderator to sustain performance outcomes. Similarly, Nemţeanu and Dabija (2023) link remote work overload, digital fatigue, and managerial communication gaps to heightened emotional exhaustion and diminished output.

Workplace environmental conditions are also central to employee effectiveness. Zhenjing et al. (2022) confirm that supportive physical and psychosocial environments foster commitment and achievement orientation, thereby improving task performance. Leadership and motivational dynamics remain key determinants, as several 2022 empirical studies report that transformational leadership enhances motivation but requires cultural alignment for measurable performance effects.

Resilience-based mechanisms within HPWS frameworks also emerge as influential. Yun, Zhou and Zhang (2022) reveal that HPWS components such as participation and training build resilience, which in turn reduces burnout and supports sustained performance. Saidy et al. (2022) extend this by showing that self-efficacy buffers the negative performance effects of technostress among frontline employees, emphasizing the strategic role of capability development.

Remote work productivity evidence further illustrates heterogeneous reactions to digital transition. George et al. (2021) and Gibbs et al. (2021) observe increases in working hours and coordination costs, translating into modest productivity declines, particularly where informal coaching and real-time collaboration are reduced. Shimazu (2021) frames work engagement as a central post-pandemic driver of sustained efficiency but cautions against overstimulation without empirical productivity validation. Aggregate findings from Etheridge et al. (2021) and Bartik et al. (2021) indicate divergent productivity outcomes driven by task type, support infrastructure and managerial design.

Early pandemic reviews by Oakman et al. (2020) and Etheridge, Wang and Tang (2020) reinforce that while remote work increases autonomy and short-term perceived performance, it also heightens musculoskeletal strain, isolation and boundary erosion, collectively threatening long-term efficiency without structured ergonomic and psychosocial support.

III. RESEARCH METHOLOGY

Research Design: This study uses descriptive research design Descriptive research is an exploration of certain existing phenomenon. It is mostly done when a researcher wants to gain a better understanding of the topic. Primary data is collected through a survey. The survey is carried out by the means of self-administered, structured questionnaire and secondary data is collected from articles, research papers of various journals.

Data Collection:

Primary Data: It includes data gathered through structured questionnaires and surveys focusing on digital wellbeing in the organization.

Sampling method: Random sampling

The total population of the study consists of 150 employees, out of which a sample size of 105 respondents was selected for the research.

Statistical Tools:

- Chi-square test
- One way ANOVA

IV. DATA ANALYSIS AND INTERPRETATION

4.1 CHI-SQUARE TEST:

AIM: The aim of this analysis is to examine whether there is a significant association between the two categorical variables, I have a comfortable and well-equipped workspace and the tools/software provided help me complete tasks efficiently.

HYPOTHESIS:

NULL HYPOTHESIS (H0): There is no significant association between, I have a comfortable and well-equipped workspace, and the tools/software provided help me complete tasks efficiently.

ALTERNATIVE HYPOTHEIS (H1): There is a significant association between, I have a comfortable and well-equipped workspace, and the tools/software provided help me complete tasks efficiently.; the variables are not independent.

TABLE 4.1
Chi-Square Tests

	Value	df	Asymp. Sig. (2-sided)
Pearson Chi-Square	46.348[a]	6	.000
Likelihood Ratio	41.600	6	.000
Linear-by-Linear Association	7.128	1	.008
N of Valid Cases	105		

A. 6 cells (50.0%) have expected count less than 5.
B. The minimum expected count is .19.

INTERPRETATION:

From the above table it is inferred that the Chi-Square test result ($\chi^2 = 46.348$, $p = 0.000 < 0.05$) indicates a statistically significant association between having a comfortable, well-equipped workspace and efficiency of tools/software provided. Despite 50% of expected counts being below 5, the dependence remains strong and meaningful.

4.2 ONE-WAY ANOVA:

AIM: The aim of this ANOVA analysis is to determine if there is a significant difference in the mean responses between the two statements regarding workload manageability and fairness.

HYPOTHESIS:

NULL HYPOTHESIS (H0): There is no significant difference in the mean responses between the two statements. This implies that the mean ratings for "workload manageability" and "workload fairness compared to peers" are equal.

ALTERNATIVE HYPOTHEIS (H1): There is a significant difference in the mean responses between the two statements. This suggests that the mean ratings for "workload manageability" and "workload fairness compared to peers" are not equal.

TABLE 4.2

Source of Variation	*SS*	*df*	*MS*	*F*	*P-value*	*F crit*
Between Groups	0.04285	1	0.04285	0.05994	0.80683	3.88655
Within Groups	148.723	208	0.71501			
Total	148.766	209				

INTERPRETATION:

From the above table it is inferred that the analysis shows no significant difference between mean responses ($p = 0.8068 > 0.05$; $F < F\text{-critical}$), indicating that respondents' views on workload manageability and fairness are statistically similar.

V. FINDINGS

The analysis reveals that workplace resources and operational efficiency are closely interlinked, indicating that employees who are provided with ergonomic workspaces and reliable digital support systems are able to perform tasks more effectively with fewer delays. The findings further emphasize the positive influence of technological support on productivity, as efficient and updated software tools enable smoother workflow execution and reduce the time and effort required to complete assignments. Moreover, workload allocation is widely perceived as fair among employees, reflecting a well-balanced organizational approach in task distribution. The results also show that employee perceptions regarding workload manageability and fairness remain consistent, demonstrating that the organization's workload policies are systematic and standardized, thereby fostering a stable and equitable work environment conducive to sustained employee performance.

VI. CONCLUSION AND SUGGESTIONS

The empirical investigation establishes a crucial association between workspace adequacy and technological efficiency, highlighting physical and digital infrastructure as primary determinants of organizational productivity. Simultaneously, equitable distribution of work emerges as a stabilizing factor in maintaining employee morale.The findings collectively underscore the importance of a supportive workplace ecosystemwhere educational tools, ergonomic environments, and fairness in workload allocation operate cohesively. These parameters, when optimized, contribute to sustained employee well-being, operational smoothness, and long-term institutional performance.

Recommendations

- Upgrade Digital Tools & Workstations Regularly, Given the demonstrated link between workspace quality and performance, organizations must invest in modernizing equipment and software frameworks.
- Introduce Continuous Technical Support, Real-time troubleshooting channels or IT helpdesks should be enhanced to avoid workflow interruptions.
- Employee Feedback Mechanism, Periodic surveys regarding workspace comfort and workload fairness should be instituted to maintain transparency and responsiveness**.**
- Adopt Ergonomic Standards, Adjustable seating, screen placements, anti-glare systems, and quiet work zones could further improve cognitive comfort and reduce fatigue.
- Training for Digital Competency, Workshops on tool optimization may help employees use existing systems more efficiently.

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