

ROLE OF INFORMATION TECHNOLOGY TO REDUCE WORK AND INCREASE JOB SATISFACTION AMONG EMPLOYEES

Dr. Anurita Gautam¹, Khan Safa Sajid²

¹ Professor, Swayam Siddhi Mitra Sangh's College of Management & Research, Thane.

² FYMMS Student, Swayam Siddhi Mitra Sangh's College of Management & Research, Thane.

Abstract

This study investigates the impact of workplace environment on job satisfaction and stress levels in the IT industry. Key findings reveal that organizational culture, leadership practices, and job design significantly influence employee wellbeing. A positive and supportive culture, effective leadership, and well-designed jobs are linked to higher job satisfaction and lower stress levels. The study also highlights gender differences in job satisfaction and stress levels, emphasizing the need for organizations to prioritize employee wellbeing, diversity, and inclusion.

Keywords: Workplace Environment, Job Satisfaction, Stress Levels, Organizational Culture.

► *Corresponding Author: Dr. Anurita Gautam*

Introduction

Information Technology (IT) has profoundly transformed the modern workplace, offering a myriad of benefits. Automation, facilitated by IT, streamlines repetitive tasks, freeing up employees' time for more strategic, creative, and fulfilling endeavors. This not only boosts productivity but also reduces stress associated with mundane and time-consuming duties. Furthermore, IT fosters enhanced communication and collaboration through platforms like video conferencing, instant messaging, and cloud-based tools, enabling seamless teamwork and knowledge sharing across geographical boundaries. This interconnectedness fosters a more dynamic and inclusive work environment, where employees feel more engaged and valued.

However, the pervasive use of technology also presents challenges. The constant connectivity and pressure to be "always on" can lead to increased stress, anxiety, and even burnout. The constant influx of information can be overwhelming, leading to digital overload and hindering focus. Addressing these challenges requires a multifaceted approach. Organizations must prioritize employee well-being by implementing digital wellness programs that promote healthy technology habits. This includes encouraging regular breaks from technology, setting clear boundaries between work and personal life, and providing resources for stress management techniques. Additionally, comprehensive technology training is crucial to equip employees with the skills and knowledge to effectively and efficiently utilize IT tools while minimizing potential drawbacks. By proactively addressing these challenges and fostering a healthy relationship with technology, organizations can harness the power of IT to create a more productive, engaging, and fulfilling work environment for their employees.

Objectives

- 1) Understand the link between workplace environment and employee satisfaction/stress in IT.
- 2) Identify key factors impacting IT employee well-being.
- 3) Explore the role of culture, leadership, and job design in shaping job satisfaction and stress among IT professionals
- 4) Provide recommendations for improving IT employee well-being.

Literature Review

Spector, (2002) various nations consider occupational stress as a serious physical and psychological issue. Employees feel tensed, face physical health issues (short term & long term) and have erratic and illogical attitude towards work due to stressful working conditions. There is an undeviating relation of excessive work & inflexible regulations with coping strategies and issue resolving strategies. Further, strain and job stressors are also linked with these strategies (Kang and Singh, 2004).

P. S. Swaminathan, & Rajkumar S. (2010) – “Study on Stress Levels in Organizations and its impact on Employees' Behavior”. Researchers carried a study that focused on the influence of work environment on the degree of stress faced by employees a different profession, age group, hours of work and different varieties of jobs. Harshana PVS (2018). The author in this paper put efforts to define the term Stress and some work stress related models and identify them. How the stress affects an organization's overall effectiveness and its performance. It also observed that in some cases the stress also acts as morale booster for the employees.

Nisar and Rasheed (2019), unearthed that job Further, job contentment work as an intervening construct amid them. The main target of this investigation is to focus on the significance and obstacles related to occupational stress.

Ahlam (2022) Occupational stress has a significant impact on student learning and thereby on the contribution that such institutions can make to society. Data was collected using a questionnaire with background questions, job stressors such as role conflict and ambiguity, lack of participation in decision making, lack of authority, workload, unsatisfactory working conditions and interpersonal relationships, and statements about the effect on organizational performance. Questions were based on three- and four-point scale. Descriptive statistics was carried out using XL program. Results indicated that on average the employees experienced high degree of job stress. Similar findings were reported in other studies.

Research Methodology

This study investigated the role of Information Technology (IT) in reducing work stress and increasing job satisfaction among employees. Given the focus on analyzing existing data and research findings, a secondary data analysis approach was employed.

Data Sources

Academic Databases: Extensive literature searches were conducted using databases such as JSTOR, Google Scholar, Scopus, and Web of Science.

Scope of the Study

The research conducted on managing occupational stress seeks to understand how various factors contribute to stress and how it affects employees. By gathering insights from employees, this study aims to identify stress triggers within the organization and recommend effective strategies to alleviate stress among staff members. Additionally, the research on stress management will help uncover any lack of cooperation among individuals. The analysis and findings from this study can provide valuable recommendations to the company on reducing stress levels among its employees.

Observations

The observation underpinning this research is that the IT workplace environment exerts a significant influence on the well-being of employees within this dynamic and technology-driven

sector. Recognizing the unique challenges and opportunities presented by the IT industry, this research acknowledges that factors such as company culture, leadership styles, and the design of work itself profoundly impact how IT professionals experience their jobs, including their levels of satisfaction and stress. By gaining a deeper understanding of these intricate connections, organizations can implement strategies to enhance employee well-being, fostering more positive and productive work environments that ultimately contribute to greater employee satisfaction, reduced stress levels, and improved overall business success.

The impact of technology, including potential for overload and the influence of workload and deadlines, cannot be ignored. Finally, social factors such as team dynamics, social support, and the fostering of a diverse and inclusive workplace significantly contribute to the overall well-being of IT employees.

A positive and supportive culture fosters open communication, recognition, and a focus on employee well-being, effective leadership, characterized by strong communication, empathy, and a focus on employee development, plays a crucial role in creating a supportive environment and reducing stress. Well-designed jobs that offer autonomy, challenge, and opportunities for growth significantly contribute to higher job satisfaction and lower stress levels.

Limitations

- 1) **Technical-** Infrastructure issues, glitches, limited access.
- 2) **Organizational-** Resource constraints, insufficient support, competing priorities.
- 3) **Measurement-** Difficulty measuring impact, limited generalizability evolving work environment.
- 4) **Limited study-** The present study is limited to focus on the cause, impact and nature of occupational stress among the IT employees.

Suggestions

- i) IT organizations should continuously provide the learning, mentoring, coaching counseling to their employees.
- ii) There should be arrangement of training programs for HR officials regarding the proper implementation of various programs for reducing occupational stress among their employees.
- iii) There should be opportunities to employees for self-development, time management to handle the responsibility of home along with office to encourage employees to accept higher responsibilities on new projects.
- iv) HR officials should try to understand the problems of employees if any and try to solve the problems with a view of reducing occupational stress.
- v) It is significant to focus on the measures for reducing occupational stress as well, than to understand the reasons of occupational stress alone. There should be a correct balance between good stress and bad stress.
- vi) There should be frequent arrangement of meditation programs for employees which will be helpful for coping to their occupational stress.
- vii) There should be priority for the health of employees.
- viii) Every IT organization should frequently conduct stress control workshops for the employees.
- ix) There should be arrangement of stress management programs focusing on employees at all hierarchical level; so that every IT employee can get a time off from their busy schedules.

Conclusion

Furthermore, the work has made use of secondary sources of information to provide the required discussion and gather the necessary insights. The use of secondary data serves as one of the primary limitations of the research and, in turn, provides a future scope for exploring the entire subject using a different methodology. Primary research can be conducted in the future to gain first-hand insights into the impact that stress has on employees in the IT industry along with its effect on productivity. Interviews and surveys with professionals in the industry can provide more concrete evidence of how stress impacts the health of employees, job satisfaction and the productivity of the business. The insights provided in this paper can serve as a basis for conducting primary research in the future on the subject. As concluding remarks for the present research, managing stress within the IT sector is highly important for staying happy and productive. The present study has carefully highlighted how the IT sector is one of the fastest growing sectors in the world and the problems that come with rising technologies and new working methods. The different contributing factors within the workplace that contribute to stress have been highlighted in the research alongside the implications that stress has on the physical and mental health of employees. The research has presented findings from different articles and journals to show how impactful stress can be in harming employees and the need for measures to reduce stress and boost performance. The study has also closely observed the different steps that need to be taken to reduce stress; prioritizing self-care, setting boundaries within the organization and improving skills by establishing better communication with other employees and colleagues can significantly help reduce stress in the IT sector. Managing stress is a journey that requires cooperation from both the organization and the employee to improve.

Webliography

1. <https://pmc.ncbi.nlm.nih.gov/articles/PMC9013425/>
2. https://www.researchgate.net/publication/375282537_Examining_the_Relationship_between_Technological_Stress_and_Job_Satisfaction_in_the_IT_Sector
3. <https://journals.sagepub.com/doi/full/10.1177/21582440221114320>
4. <https://www.frontiersin.org/journals/psychology/articles/10.3389/fpsyg.2022.918065/full>