

Intervening in the relationship between employee job stress and work-from-home options opted by employees working in Information Technology Sector

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Abstract

Stress is an uncontrollable component that influences an employee's productivity and effectiveness in the workplace. Stress causes workers to lose their capacity to accomplish tasks and work on time, which results in a greater degree of stress. Employees at information technology businesses in Hyderabad, Telangana are experiencing stress because of working from home (WFH). The research sought to determine the relationship between workers working from home and their ability to concentrate on their task. The research examines a variety of issues concerning the difficulties encountered by employees who work from home. The questionnaires prepare on an ordinal and nominal scale, and the results analyzed using SPSS 28.0 version software to determine the correlation, reliability, and moderate influence of the variables.

Keywords: Stress Management, MNCs, Human Resource Management, Management.

INTRODUCTION

Our psychological, cognitive and physiological reactions to stress are affected by "a wide range of occupational and job demands as well as environmental stressors" in the workplace, according to a study (Quick & Henderson, 2016, p. 2). In today's day and age, the pace of life is quite hurried. There is a strict time limit for everything. Personal and professional stress have been exacerbated by this. You must take care of your family and connections on a personal level while also taking care of your business and the people you deal with on a professional level. To achieve a healthy work-life balance has therefore become quite challenging. As a result, an individual's mental and physical health are adversely affected. Anxiety is a condition characterised by internal

or external conflicts. When something happens that makes you furious or irritated, you start to worry about it. As a result of a challenge or demand, your body's response is stress. It depletes your energy and your spirit in equal measure. There is a lot of stress in the job, and it must be dealt with accordingly. When things don't go according to plan at work, it may lead to stress in the workplace. When workers don't have full support from their superiors and colleagues or feel as if they don't have any influence over their job, they are more likely to suffer from stress at work. Stress Management in the Workplace and a variety of methods for dealing with stress in the workplace are the focus of this chapter.

IT sector in Hyderabad:

Andhra Pradesh and Telangana both have their capital in Hyderabad. Furthermore, it is a famous tourist destination because of its rich history and culture. At now, it is one of the country's fastest-growing metropolises. Hyderabad is the second-largest city with the most IT businesses after Bangalore. This city is a breeding ground for the next generation of digital geniuses. Let's have a look at the best Hyderabad IT businesses. Microsoft: One of the company's most famous names, Microsoft seeks to provide value to every aspect of human existence. There's a good chance that newcomers will be involved in huge and potentially life-changing undertakings from the get-go. As a result, it has been ranked as one of the top locations to work in an IT/software firm in Hyderabad for freshers. Value-Labs: At Value-Labs, we focus on digital enablement and product development to help our clients reach their business goals. Value-Labs is known for its cross-specialization engagement and value-added initiatives that assist people flourish in different disciplines. Kellton Tech: Since 1993, Kellton Tech has worked at the nexus of business and technology to provide its clients with long-term value. Kellton's "Infinite Possibilities" objective has necessitated the creation of an environment that is completely accessible to both management and opportunity. Programmersio: In the US, Programmers.io is a software development firm that focuses in offering software solutions to real-world business difficulties across different platforms. New employees will be exposed to a wide range of learning opportunities across projects and challenges, all of which are meant to bring out the best in everyone, every day. In every area of life and across numerous platforms, CA Technologies develops software that accelerates the transformation of its customers. They do this by fostering an atmosphere that appreciates both the well-being of its workers and their ability to produce, all while pushing them to higher heights. Any newcomer to the Hyderabad-based software business would be grateful for this. Mobile application solutions in the B2B and B2C sectors are the focus of Kony's mobile

application development. One of the secrets to its success is a workplace that constantly challenges workers while providing them with new skills and best-in-class exposure to the latest mobile technology. Capgemini: Capgemini is the world's eighth-largest IT company, providing consulting, digital transformation, and engineering services. Individual development is fostered by its employee-centric policies and the abundance of on-site chances it provides for the finest and brightest. Hyderabad is the best city in India for a newcomer. Global IT service and consultancy company Datadot Labs: Datadot Labs provides a broad range of IT-based business solutions, from application development to open-source design, for a variety of industries. Datadot's problem-solving paradigm encourages new ideas, making it a popular choice for recent college grads. Hyderabad has everything a person needs to shine. With best-in-class data security and management technologies, Commvault has been recognised by Forbes as an innovator. Commvault's work atmosphere is designed to foster curiosity and exposure to a wide range of technologies so that no challenge is insurmountable, a Hyderabad-based software and IT firm. CGI: Since 1976, CGI has been devoted to achieving business outcomes for its customers, with over 70,000 workers globally offering end-to-end consultancy. In order to maintain a healthy work-life balance, a company must be equally concerned about its employees' well-being. Smarter systems are made possible by Xilinx, a leading American technology firm that develops and manufactures programmable logic devices (PLDs). The brightest brains in the IT/software industry in Hyderabad will challenge and coach a new hire to assist the organisation make the most exciting advancements possible. Cloud and mobility are the twin cornerstones of Byteridge, which is on its way to becoming a major Hyderabad software firm. It is developed on a framework that encourages everyone to flourish as a team by focusing on their own achievements. Essentially, this implies that you'll have a stake in the company from the moment you join, and you'll be recognised as soon as you do so. A multinational engineering and technology solutions firm, Cyient was

founded in 1991. Cyient is the ideal IT firm in Hyderabad for a fresher because of its strong emphasis on implementing efficient technological solutions in a wide variety of industries, from defence and healthcare to rail transportation and energy solutions. Name yourself after visionaries when you have a glimpse of the future. Oracle's employees, no doubt, felt the same way. They've always had an eye on the future. They've become one of the most prominent figures in the cloud revolution. So, passing through its doors may be a steppingstone to the next big thing, as well as a life-changing educational opportunity. Just what a new student's heart desires! Amazon: The real question is, could we have gone larger. No, it's a resounding no. Amazon, the world's biggest e-commerce company, is a part of everyday life in Indian cities. As a result, beginning one's career here would likely be an experience that cannot be described. Instead of concluding by declaring that every day will be a joyous experience, consider the following.

Review of literature:

In a healthy employment, workers are under pressure based on their talents, expertise, and resources, as well as on how much control they have over their work and the help they get from others. A healthy working environment is one in which there is not just a lack of hazardous circumstances but an abundance of health-promoting ones. When there is a lot of uncertainty and ambiguity in one's personal or professional life (Gupta, 2018), as well as anxiety, this may contribute to depression (Alam, 2018). As a result of the stress caused by a lack of advancement, training and support from superiors, employee absenteeism, productivity declines, product quality declines and customer discontent rise as well. Stress at work is regarded to have a negative impact on employees' physical and mental health, as well as the performance of their organisations. Combating mental illness is a difficult task for employers since it has a direct effect on productivity (Bisht, 2018). According to Optum's most recent poll, over half of Indian workers experience stress, as reported by

Bhattacharya and Basu (2018). Private sector workers are marginally more stressed than those in the public sector, according to Bano, B., and Jha, R. K. (2012). Employees' stress levels are also affected by their educational background and job experience. According to a study by Mokshagundam and Janardhanam (2016), workers of Private Sector Banks were more stressed than employees of Public Sector Banks, based on the results of the research. As Khundaniya and Kaji (2014) found in their study "Occupational Stress, Job Satisfaction & Mental Health Among Employees of Government & Non-Government Sector" with a sample of 100 employees using the OSI Scale, there was no significant difference in occupational stress, job satisfaction or mental health based on sector or gender. Research by Christiana and Mahalakshmi (2013) involving 182 private sector managers and 120 public sector managers of Chennai found that both sectors were experiencing the same degree of stress. Employee work satisfaction and organisational role stress were shown to be negatively correlated in Punjab by Lehal (2007), a researcher in the field of human resources.

Research Objectives: Employees working in the Information Technology in Hyderabad are facing high stress pressure will working from home and facing difficult to balance personal and professional life.

Scope: The research will value added to the human resource management and part of the organizational behaviour. The study helps the information technology employees to build the positive note and overcome the difficulties in the workplace.

Research Methodology:

Primary Source: The data was collected using online survey process by using random sampling techniques.

Secondary sources: The data was collected from scoups databases, google scholar data base, EBSCO database and web of science sources.

Questionnaires: The survey questionnaires are famed using nominal questions for collecting the basic information like gender, income, occupation but ordinal scale used to find the level of satisfaction of the employees i.e., 5-point Likert scale.

Testing: The data was tested using the SPSS 28.0 software to find the reliability between the variables and correlation testing.

Limitation:

- The data was restricted with Information Technology companies in Hyderabad.
- The sample collected was restricted to the employee selected the option on Work from home.

Hypothesis Statement:

H1: Industries are supported the employees by providing the laptop and accessed for developing the work.

Data Analysis:

Table No. 1: *Mean & Std. Deviation between the variables*

Descriptive Statistics			
	Mean	Std. Deviation	N
Peer Coordination	3.1000	1.00168	150
Internet Issues	3.9000	1.20819	150
Health Issues	3.6800	.92192	150
No Professional Ethics	3.5733	.99223	150

Table No. 4: *ANOVA value to define the variables*

ANOVA						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	15.126	4	3.782	4.081	.004 ^b
	Residual	134.374	145	.927		
	Total	149.500	149			
a. Dependent Variable: Peer Coordination						
b. Predictors: (Constant), Remote Locations, Health Issues, No Professional Ethics, Internet Issues						

Remote Locations	3.8200	1.16475	150
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Interpretation: The mean value of peer coordination is 3.1 and standard deviation value of the peer coordination value is 1.00. Employees agree with the issues that employees facing will working from home i.e., internet issues, health issues, remote location & loss of professional ethics.

Table 2: *Variable definition and identified*

Variables Entered/Removed ^a			
Model	Variables Entered	Variables Removed	Method
1	Remote Locations, Health Issues, No Professional Ethics, Internet Issues	.	Enter
a. Dependent Variable: Peer Coordination			
b. All requested variables entered.			

Interpretation: The dependent variable is peer coordination, and the independent variable are remote location, health issues, low professional ethics and internet Issues

Table No. 3: *The Durbin- Watson Value*

Model	Durbin-Watson
1	1.213

Interpretation: The Durbin- Watson value is 1.213 value, and it indicates there is a strong significance between the variables

Interpretation: The significance value is less than 0.05 that means, there is a significance between the work from home and the support

provide by the industries to the employees in organization.

Table No. 5: *The correlations between the Peer Coordination, Internet Issues, Health Issues, Professional Ethics and Remote Location.*

Coefficients								
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.	95.0% Confidence Interval for B	
		B	Std. Error	Beta			Lower Bound	Upper Bound
1	(Constant)	3.707	.464		7.998	<.001	2.791	4.624
	Internet Issues	.696	.296	.840	2.349	.020	.111	1.282
	Health Issues	.477	.304	.439	1.567	.119	-.124	1.078
	No Professional Ethics	-.554	.278	-.548	-1.992	.048	-1.103	-.004
	Remote Locations	-.811	.305	-.943	-2.658	.009	-1.414	-.208
a. Dependent Variable: Peer Coordination								

Interpretation: Employee can overcome through the internet issues and health issues will working from their home i.e., positive correlation with work from home but employees losing their work professional due to the remote location and family balance.

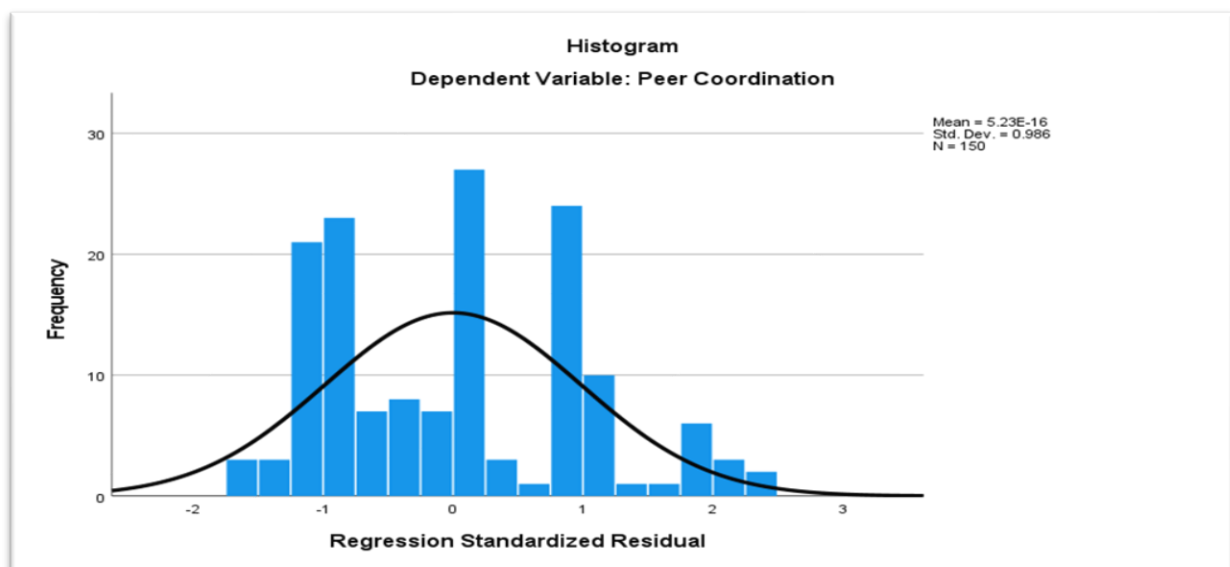
Bartlett's Test of Sphericity	Approx. Chi-Square	1306.000
	df	6
	Sig.	<.001
a. Based on correlations		

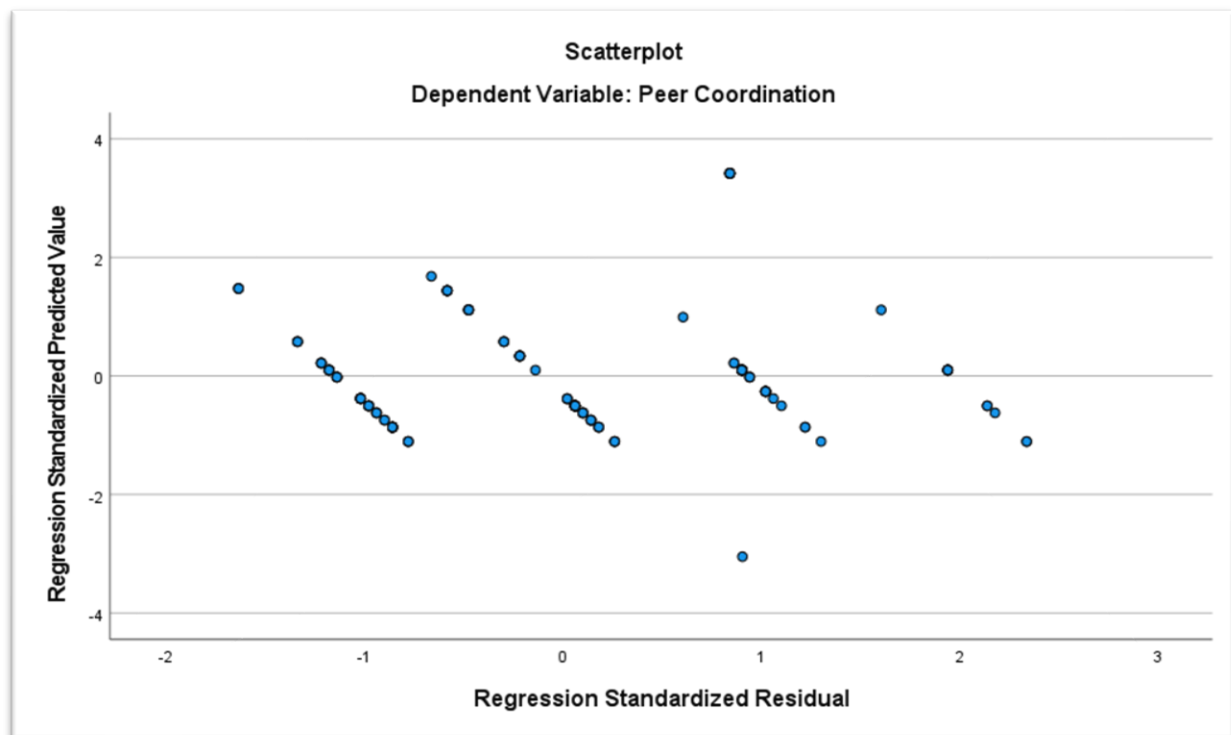
Table No. 6: *KMO and Bartlett's Test*

KMO and Bartlett's Test ^a	
Kaiser-Meyer-Olkin Measure of Sampling Adequacy.	.777

Interpretation: The KMO and Bartlett's value is 0.77 and the significance value is less than 0.001. Positive significance between the independent and dependent variable.

Graph 1: *Peer Coordination Standard Deviation histogram and Mean residual graph*



Graph 2: *Peer Coordination Standard Deviation scatterplot and Mean residual graph*

Conclusion:

The mean value of peer coordination is 3.1, while the standard deviation is 1.00. Employees concur with the challenges associated with working from home, including internet connectivity, health concerns, distant location, and a loss of professional ethics. Peer coordination is the dependent variable, whereas distant location, health concerns, a lack of professional ethics, and internet difficulties are the independent variables. The Durbin-Watson coefficient is 1.213, indicating that there is a substantial correlation between the variables. The significance level is less than 0.05, indicating that there is a correlation between work from home and the assistance provided by industries to their workers. Workers may overcome internet and health concerns by working from home, i.e., there is a positive link between work from home and increased productivity, but employees lose their professional identity owing to the distant location and family balance. KMO and Barlett's coefficients are both 0.77, and the significance level is less than 0.001. Between the

independent and dependent variables, there is a positive correlation.

Reference

- [1] Saikia, J., Sarma, R. K., Dhandia, R., Yadav, A., Bharali, R., Gupta, V. K., & Saikia, R. (2018). Alleviation of drought stress in pulse crops with ACC deaminase producing rhizobacteria isolated from acidic soil of Northeast India. *Scientific reports*, 8(1), 1-16.
- [2] Jan, S., Alyemeni, M. N., Wijaya, L., Alam, P., Siddique, K. H., & Ahmad, P. (2018). Interactive effect of 24-epibrassinolide and silicon alleviates cadmium stress via the modulation of antioxidant defense and glyoxalase systems and macronutrient content in *Pisum sativum* L. seedlings. *BMC plant biology*, 18(1), 1-18.
- [3] Bisht, K., Sharma, K., & Tremblay, M. È. (2018). Chronic stress as a risk factor for Alzheimer's disease: roles of microglia-mediated synaptic remodeling, inflammation, and oxidative stress. *Neurobiology of stress*, 9, 9-21.

- [4] Nakano, J., Sato, T., Kato, C., Yamamoto, M., Tsukada, T., & Kaji, Y. (2014). Effects of temperature on stress corrosion cracking behavior of stainless steel and outer oxide distribution in cracks due to exposure to high-temperature water containing hydrogen peroxide. *Journal of nuclear materials*, 444(1-3), 454-461.
- [5] O'Connor, D. B., Thayer, J. F., & Vedhara, K. (2021). Stress and health: A review of psychobiological processes. *Annual review of psychology*, 72, 663-688.
- [6] Kar, N., Kar, B., & Kar, S. (2021). Stress and coping during COVID-19 pandemic: Result of an online survey. *Psychiatry research*, 295, 113598.
- [7] Taylor, S. (2021). COVID stress syndrome: clinical and nosological considerations. *Current psychiatry reports*, 23(4), 1-7.
- [8] Yıldırım, M., & Solmaz, F. (2022). COVID-19 burnout, COVID-19 stress and resilience: Initial psychometric properties of COVID-19 Burnout Scale. *Death Studies*, 46(3), 524-532.
- [9] Adams, E. L., Smith, D., Caccavale, L. J., & Bean, M. K. (2021). Parents are stressed! Patterns of parent stress across COVID-19. *Frontiers in psychiatry*, 12, 300.
- [10] Iskamto, D. (2021). Stress and Its Impact on Employee Performance. *International Journal of Social and Management Studies*, 2(3), 142-148.
- [11] Sinha, R., Fritschi, F. B., Zandalinas, S. I., & Mittler, R. (2021). The impact of stress combination on reproductive processes in crops. *Plant Science*, 311, 111007.