

Influence of Fun/Entertainment at Workplace on Employee Performance in Sri Lankan IT sector

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Abstract: The present study examines the influence of fun/entertainment at workplace on employees' performance through job stress in Sri Lankan IT sector. The conceptual model of this study was tested based on responses from 104 IT sector employees in selected IT companies in Sri Lanka. This study revealed that IT sector employees' performance positively affects their experienced workplace fun. In turn, IT sector' experienced workplace fun showed direct effects on their employee performance under three category job satisfaction, task performance, and interpersonal citizenship behaviors. Affected by experienced workplace fun, job satisfaction significantly enhanced employees' task performance and interpersonal job satisfaction. In essence, for IT sector employees in their work, workplace fun is a significant factor in their performance. These findings provide a significant insight to IT companies who typically have a hard time to attract best young talents and motivate them mainly due to low-paying, low-status nature of IT service.

Keywords: Workplace fun, Information Technology sector (IT), Employee performance, Job satisfaction.

INTRODUCTION

In a highly competitive era, it seems to be a big explosion of rivalry among business organizations creates them to keep them to reduce waste the potential of their workforce. Hence, it is important for the organizations to concentrates on the improvement of the employees' performance in to endure in the highly competitive market. One of main pillars of the organizations is considered by the high-performance employees, therefore organizations are giving more effort and by using different human resource development strategies they try to boost employees' abilities and competencies.

In the context of the service industry, customer satisfaction typically depends on the employees' performance. Therefore organizations are giving more autonomy, employee empowerment, knowledge sharing [4, 30, 50] in order to support employees' and try to increase the employees' perception of support work climate. According to [14] argue that, if the organization creates supportive work climate to their employees that increase their positive perception regarding organization and physiological consequences, consequently that induce their reciprocal behavior toward improving their work performance. In this context fun at workplace play a critical role by socializing with coworkers, celebrating at work and personal freedom [18] to enhance the employees' happy work climate and improve their work performance.

According to [42] in a stressful work environment fun at the workplace is anticipated and even necessary for remove the problems and worries of

everyday stressful working life. The Fun comes with cheerfulness, happiness. It is necessary for employees to be productive at workplace and fun at workplace make employees' productive employees. As per cited by [14], the Mark Twain states that the human race has only one really effective weapon, and that is laughter. The moment it arises, all hardness's yield, all irritations and resentments slip away and a sunny spirit takes their place." According to them, happy workplace is that place where happy employees are more loyal and productive employees. The absenteeism and tardiness rate low as employee look forward to going to work. Fun is one type of medicine, if employee takes it then it increases their morale, performance, increases employee enthusiasm, reduces complain of boredom and most important that make employees' happy on and off the clock.

Because of the significant importance of the happy and fun workplace, over the last thirty years,

many statements have been made in management and human resource literature in regard to the efficacy of fun in the workplace for promoting a variety of organizational benefits or positive outcomes. Especially, it comprises flexibility, competitive advantage and increased motivation (e.g., [17, 40]), good customer service, innovation, empowerment, creativity (e.g., [5, 6, 13, 43]) and productivity (e.g., [12, 44]). In spite of scholars outward the agreement about the benefits and positive outcome from fun at workplace; fun itself, in a workplace setting, is rarely sufficiently defined. Fun is, however, generally characterized as superficial socializing, akin to childlike play and frivolity [39, 61]. In some cases employees are also encouraged to 'be themselves', inferring behaviour they would ideally engage in if they were not confined by the constraints and formality required within many workplaces [17]. Further, according to [16] explains that "[f]un gains its 'funness' from its spontaneity, surprise, and often subversion of the extant order" (p. 290).

There is an emergent scholarly work intended to the phenomenon of fun at work, however, a limited number of studies have found that fun at work can indeed promote positive workplace outcomes. For example fun at work has been found to improve productivity, enhance worker attitudes and be beneficial to work teams [19, 31] it can lead to higher job satisfaction [1], mitigate emotional exhaustion [29] relieve stress and improve sales [48].

Apart from that, some of the studies have observed employee responses to fun at workplaces. Such workplaces include transforming workplaces to create a more playful atmosphere [17, 61], organizing events and awards [17] and publishing fun newsletters and implementing fun sales campaigns [48]. Results of these studies tend to reveal uncertain and sometimes mocking employee responses to management initiatives, particularly if they are felt to be imposed on staff [17, 61]. Because of the difficulty of manufacturing fun, [17] argues that authentic fun is most likely to be experienced when workers create their own fun, independent of, or even against, management. In contrast, research by [28] suggests that funs at work activities are experienced most positively within workplaces where workers feel they can trust their supervisors. Most of the previous researchers answer the question of what determines the employees work performance by simply fun at workplace, such as [11] indicates workplace fun as encouraging event, it also helps to create a positive working environment and increase employee's performance. According to business writers fun in the workplace is important for enhancing employees' motivation and productivity, trimming down stress [42]. Further, [39], found that having fun in the workplace can improve productivity and performance. In addition to that [31] noted that fun

at the workplace is conducive to productivity. However, there is a limited scholar argue that "why" fun at workplace increase employees' performance.

In the context of IT workers in Sri Lankan IT Companies, it was found by the annual IT workforce survey 2007 by Sri Lanka ICT Association (SLICTA), more than 40000 are employed in the IT industry in Sri Lanka. Many may have fallen prey to occupational hazards associated with work stress, heavy workload, prolonged working hours, deadline pressure and unhealthy food patterns. Therefore, the supportive and fun and entertained work climate is essential especially for this IT works in order to reduce their work stress and improve their work performance.

Hence, drawing from these knowledge and empirical gaps this asked the main research question, why fun at workplace improves employees' performance? In order to answer this question this study build research argument as if employees are having fun at their workplaces that create a happy environment and let them reduce their work stress for some extent, consequently that improve employees work performance. Thus, the purpose of this study to find out how fun at workplace impact on employees work performance through reduces the work stress.

Literature Review

Fun at work involves any social, interpersonal, or task activities at work of a playful or humorous nature which provides an individual with amusement, enjoyment, or pleasure. This definition is consistent with previous conceptualizations, such as [31] who defined fun at work as engaging in activities not specifically related to the job that is enjoyable, amusing, or playful. Such activities are indicative of a fun work environment, which, according to [20], intentionally encourages, initiates, and supports a variety of enjoyable and pleasurable activities that positively impact the attitude and productivity of individuals and groups [25]. Propose a theoretical framework for the study of the workplace, using an environment-behavior model. In this model, he identifies six main components: physical work setting, worker characteristics, work policies, worker-environment interaction, psychological processes, and outcomes. Health and Gifford's framework was then adapted to serve as a model for this study of workplace fun. In this model, individual worker characteristics, physical work setting, and management style all affect worker-environment interaction. However, in this model, worker-environment interaction is specifically defined as fun in the workplace. This fun then influences creativity, which combines expertise, creative thinking skills, and intrinsic motivation. The final outcomes are creative products, job satisfaction, and productivity.

Further, workplace fun is considering key element for enhancing organizational performance and effectiveness. The concept of workplace fun can be found in the publications of [10, 42,18] and some others, who work to develop organizational culture that promoted play, humor and fun. In today's work environment workplace fun has been promoted as a key element for the productive environment [28]. Research shows that having fun in the workplace can improve productivity and performance [39]. Fun at workplace is pleasing and is even considered as a significant factor for letting go of the problems and worries of everyday working life. The fun comes with cheerfulness and happiness and it is said that happy workers are productive workers, employees must be productive at their workplaces and workplace fun makes them productive workers [42].

In addition to that, [9] identified two main categories of workplace fun such as the tangible and intangible nature of workplace fun. In a tangible fun, fun activities having a physical existence like games etc. Many writers had suggested different fun activities in the workplace. Motivate and energize staff with activities like games, contests. Some typical activities also exists in workplaces like bringing food, give awards to outstanding staff, form a committee for some fun activities. Intangible fun, those activities are involved that have no physical existence, like a friendly environment of workplaces, feeling of affection, good coworker's relationship. [50] had done interview from some employees of working in service industry found that it would be more difficult to release stress without laugh. Numerous research studies indicate a positive effect of fun at work [28, 29] these studies found that workplace fun leads to greater job satisfaction and show strong relationship for individuals, placing high value to workplace fun.

When people experience fun at their workplaces, they are more motivated and energized. They get along with better performance, provide better customer services, facing less stress and having less absenteeism [33]. Fun activities have a strong impact on productivity and attitude of individual and groups [57]. Fun at the workplace is conducive to productivity [31]. Some people feel that workplace fun damage the reputation of organizations, while as on the other hand employees feel that fun in workplace enhances employee's morale and productivity [42].

Workplace fun increases job satisfaction but it depends on individual preferences or attitude towards fun, employees who have a positive attitude towards workplace fun having a strong relationship between workplace fun and job satisfaction [62]. Staff considers workplace fun as a break in their working days; stress relief, which also provides the opportunity to groom their selves, they think that workplace fun gave them

another reason to be at work [39]. According to [28], a majority of workers prefer social fun activities such as companywide outing and other social activities, they also argue that individuals with a positive attitude towards workplace fun are more productive than individuals having a negative attitude towards workplace fun. Fun is a multi-dimensional concept, different fun activities have been discussed across the studies [19,28]. discussed formal fun activities such as contests, games, gift exchange, awards, food sharing, refreshments and companywide outings. In conclusion, [18] and [31] discussed dimensions of workplace fun such as celebrating at work, personal freedom, socializing with co-workers and the global fun activities. Socializing is a sign of fun interaction with co-workers, celebrating reflects formal fun activities, personal freedom means having the freedom to fun at work such as informal dress code, global fun includes whether workplace fun in general is a fun place to work [2]. Recognized seven dimensions of job performance which includes ability, clarity, help, incentive, evaluation, validity and environment.

When considering fun at work, it doesn't necessarily mean 'play time' where everyone skips out into the yard and plays a game but instead just implementing some different (not necessarily work related) activities into the working week can help keep stress levels down. Stress is a key issue in many working environments. People get overworked and they burn out. This causes stress-related illnesses and absent employees and that's bad for everyone, especially the employees, those have their nature to work extremely hard and not want to let people down, so managerial instruction to take half a day off or to partake in an activity in work time helps to fight this stress and burnout.

In addition to that, a researcher, [59] found that there is a positive result when humour is used in library instruction. Another example of the organization that applies humour is Health works where the director, Bob Czimbala defined humour as emotional self-defense [59]. Therefore, this shows humour is able to be utilized in work environment to reduce stress and improve the performance of an organization. Scientific research that was done by [30] which stated the use of humour in the workplace was able to reduce stress among employees (as cited in [56]).

Further, the organization recognized that in order to stay on the track and compete with other organizations, they should be able to adapt to the new environment. It is supported by McGhee (n.d), in order to survive and thrive in global marketplace, organization must be able to adapt quickly due to the rapid changes. Therefore, employees must be aligned with this changes and ensure that they are mentally ready for the new tasks which are waiting for them. This

is because job life is one of the vital parts of individual’s daily lives that cause a great deal of stress [38,55]. This is supported by [56]; stress in the workplace is a serious issue because everyone faces this problem. There has been a research made by Ministry of Health which approximately one over ten persons will face emotional and mental disturbance [62,56].

There is strong evidence that humour reduces dysfunctional stress [62].When making a joke about a stressful situation, one develops a sense of dominance and control over it [26] which is incompatible with stress and anxiety [56]. Humour makes people at ease, without fear and feels a greater sense of control. For example, when presenting to an important client, humour can reduce stress by making people not to be afraid and to ease tension.

Moreover, employees who are stressed tend to make errors which then affect their job performance. This shows their concentration is no more towards their job. Therefore, that is why they need to have and build their sense of humour in the workplace. According to [32] and [3] using humour in the workplace can help employees to encounter the problems and it may improve individual’s health as well as well-being. The study is significant for the organization in order to determine how humours in the workplace are able to help employees to have fun at the workplace and lead to joy in their life. According to [32], enjoyable workplace with lessen stress can increase employees’ performance and work quality as well as improve their morale. Indeed, the proper use of humour can provide valuable benefits to organizations. Humour also has a positive effect on the socialization by making interaction less tense [35].

Conceptual framework

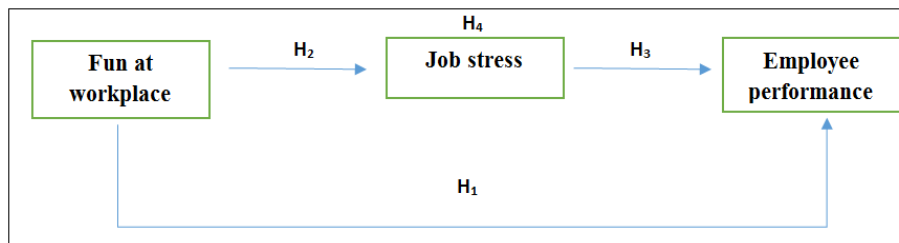


Fig-1: Conceptual model
 Soruce: Researchers Construction

Research Hypothesis

- H₁: Fun at workplace environment positively influence on employee performance.
- H₂: Fun at workplace environment negatively influenced on employee stress.
- H₃: Employee stress negatively influence on employee performance.
- H₄: Fun at workplace environment positively influence on employee performance through the stress control.

METHODOLOGY

For the sample, 100 employees was selected from 10 IT companies in Colombo district, since Colombo is the capital city in Sri Lanka, more than 70% of IT companies are located in Colombo district and also more than 80000 of IT employees work in Colombo district according to the Sri Lankan IT/BPM Industry 2015 Review.. The source of data considering this study involves based on primary data collection. Primary data are those which are collected as fresh and for the first time and thus happen to be original in character.

Descriptive Statistics were used to analyze the mean, median, mode, variant, the minimum and maximum variables and skewers Correlation coefficient

analysis is a statistical analysis which can be used to identify the strength between two variables Regression analysis is a statistical process for examines the relationships among variables. Further, Baron and Kenny (1986) four-step mediation assessment were used to analyze the direct and indirect effect of mediator as follows;

$$\begin{aligned} \text{Equation 1: } E_p &= \beta_0 + \beta_{FAW} + \epsilon \\ \text{Equation 2: } S &= \beta_0 + \beta_{FAW} + \epsilon \\ \text{Equation 3: } E_p &= \beta_0 + \beta_S + \epsilon \\ \text{Equation 4: } E_p &= \beta_0^0 + \beta_{FAW} + \beta_S + \epsilon \end{aligned}$$

RESULTS

Majority of the respondents are categories under age of 20-30, most of them are newly entered into the industry because 61.5% employees are having only 1-5 years’ experience. Most of the employees are software engineer (41.3%) and the software developers (28.8%). According to the gender analysis, 51.9% of employees are female employees and 78.8% of employees are single. Most of the employees are working under normal 6-8 hours’ work schedule. It’s mean they don’t have workload at their workplace.

According to the descriptive analysis, all the dimensions have mean value above 3.0 except

appropriateness dimension under independent variable. This illustrates that almost all the employees disagree with the appropriateness and agree with all other

dimensions Saliency, Experienced Fun, Job stress, Job Satisfaction, Task Performance, and Interpersonal citizenship behavior.

Table-1: Mean and Standard Deviation of dimensions

Dimensions	Mean	Standard Deviation
<i>Fun at workplace</i>		
Appropriateness	1.9359	1.13783
Saliency	3.3423	.54089
Experienced Fun	3.7276	.95505
<i>Job Stress</i>	3.8250	.51591
<i>Employees performance</i>	3.8250	.51591
Job Satisfaction	4.5913	.70630
Task Performance	4.4591	.58926
Interpersonal citizenship behavior	3.4973	.38855

CORRELATION ANALYSIS

Table-2: Correlation Analysis

Relationship	Correlation	Significant level
Fun at workplace to Employees performance	0.318	0.001
Fun at workplace and job stress	-0.114	0.250
Job stress and Employee performance	-0.441	0.000

Correlation between fun at workplace and employees performance implies that there was a strong positive significant (P<0.05) relationship between them. Further, fun at workplace and job stress correlation results implies that there was a weak negative significant (P<0.05) relationship between them. Also job stress and employees performance correlation

results illustrate that there was a negative significant (P<0.05) relationship between them.

Mediation Assessment

$$\text{Equation1: } E_p = \beta_0 + \beta_{FAW} + \epsilon$$

Table-3: Model Summary for Fun at Workplace and Employee Performance

Model Summary ^b						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.318 ^a	.101	.093	.44344		
Anova ^a						
Model		Sum Of Squares	Df	Mean Square	F	Sig.
1	Regression	2.264	1	2.264	11.515	.001 ^b
	Residual	20.057	102	.197		
	Total	22.322	103			
Coefficients ^a						
Model		Unstandardized Coefficients		Standardized Coefficients	T	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.251	.278		11.698	.000
	Fun At Workplace	.310	.091	.318	3.393	.001
a. Predictors: (Constant), Fun At Workplace						
b. Dependent Variable: Employee Performance						

According to the table-3, the R-value is 0.318, it denotes the simple correlation. It signifies a high degree of correlation. R square for the model is gotten 0.101. It proposed that 9.3 percentage of variation independent variable explains the employee performance. Thus, it can be identified that there is 90.7 percentage of unexplained variation in this model. Still, 0.093 is low and it is significant. The adjusted R square is a modified version of R square that has been adjusted for the number of predictors in the model. In this case,

adjusted R square is 0.093. The standard error determines how much variability surrounds a coefficient estimate. Here, the standard error of the regression model is 0.44344. It indicates that the model is fitted well because it is less than the mean value of dependent variable. Employees performance differed significantly among fun at the workplace and normal working environment, $F(1,102) = 11.515$, $p < .01$. Employee performance was high when the workplace is fun and entertainment.

Table-4: Model Summary for Fun at Workplace and Stress

Model Summary ^b						
Model	R	R Square	Adjusted R Square	Std. Error of the Estimate		
1	.114 ^a	.013	.003	.51507		
ANOVA ^a						
Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	.355	1	.355	1.337	.250 ^b
	Residual	27.060	102	.265		
	Total	27.415	103			
Coefficients ^a						
Model		Unstandardized Coefficients		Standardized Coefficients	t	Sig.
		B	Std. Error	Beta		
1	(Constant)	3.456	.323		10.707	.000
	Fun At Workplace	.123	.106	.114	1.156	.250
A. Predictors: (Constant), Fun At Workplace						
B. Dependent Variable: Stress						

Here, the coefficient of determination indicates how much of the independent variable fun at the workplace, can be explained by mediating variable stress. According to the table, the R-value is 0.114 It denotes the simple correlation. It signifies a high degree of correlation. R square for the model is gotten 0.013. It proposed that 0.3 percentage of explains the variation of

dependent variable i.e., employee performance. Thus, it can be identified that there is 99.7 percentage of unexplained variation in this model. Still, 0.003 is very low and it is significant. Fun at workplace not affect the stress level the significant level is not in the level but it is having a relationship, $F(1,102) = 1.337$, $p > .01$ ($P=.250$)

REGRESSION ANALYSIS

Hypothesis	R	R2	Adjusted R	Std.Error
H1 (Simple regression) FAW-EP	.318 ^a	.101	.093	.44344
H2 (Simple regression) FAW-S	.114 ^a	.013	.003	.51507
H3 (Simple regression)	.441 ^a	.194	.186	.41993
H4 (Multiple regression)	.517 ^a	.267	.253	.40244

According to the above table the regression line between Fun at workplace and employee performance 10.1% fitted with the data. It is not impressive but not bad. As same as other lines also, but the line between fun at workplace and stress fitted with the data only 1.3% it is near to zero. Its mean 98.7% not fitted with the data, so it will be rejected.

According multiple regression models the regression line fitted to the data 26.7%, it's mean there is a relationship between independent and depended variable

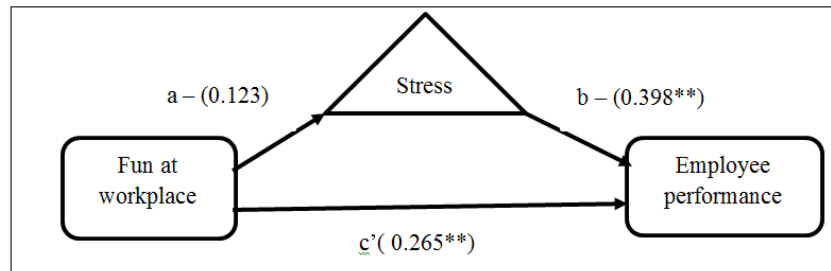


Fig-2: Mediating assessment

- a- Relationship between fun at workplace and stress
- b- Relationship between stress and employee performance
- c'- Relationship between fun at workplace and stress

Revised model based on multiple regression analysis

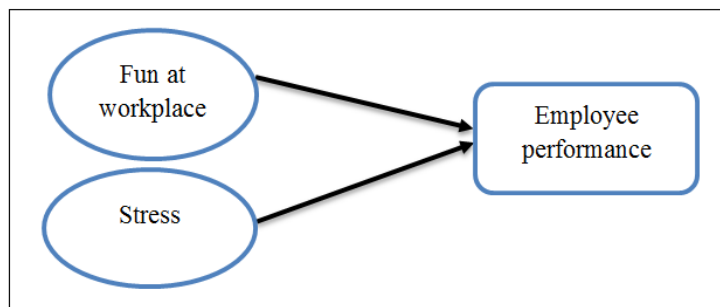


Fig-3: Revised model

DISCUSSION

This research study concluded that there is a positive relationship between fun at workplace and performance. According to the past research, having fun at work may be seen as a positive event [11] which thereby creates a positive environment which promotes performance [53]. Supporting such a notion that a fun working environment facilitates employee productivity [60], these results suggest that fun at work enhances job performance the little studies that survive recommended that at workplace get better employee engagement and also improved the performance of the employees and job satisfaction may be associated with the fun and humor [28, 29].

At the same time, another factor also influences on employee performance. These findings clearly suggest that fun at workplace influence on the employee performance. From this research, there are several factors affecting employee performance. But, researchers only considered fun at workplace environment. This paper takes abroad perspective that fun workplace creates entertaining, amusing activities [19] and may include humorous events that promote smiles and/or happy environment. Employees who are happy to work their respective companies are more likely not only to remain with the company but are also likely to exert more effort on the behalf of the company and work toward its success and therefore are also likely to be better performers than the unhappy or fun

fewer employees. But, here performance level is high even though, fun at workplace not controlled the stress of employees.

Fun boundaries evidence suggests that having a positive mental attitude increases oxygen flow, endorphins and blood flow to the brain, enabling clearer and creative thinking [61]. According this statement fun at workplace help to reduce the stress most of the researchers' strangely accept the above concept. But according to the finding there are no significant between fun at workplace and stress. For the result there are some reasons, this study conduct is one sector and one district sampling size is narrow it may be a reason, on the other hand, most of the IT companies are not properly arrange the funny activities in their company environment, most of them are just practices some indoor games (carom football play board and cards) and annual or monthly parties It is not enough to control the stress. Most of the company use fun at the workplace as one of the stress controlling factor but they do not mainly depend on it.

Another reason is most of the resonance are in the age of 20-30 an there are single most of the time they don't have family commitment they have time to spend to their stress controlling activities outside the organization most of the resonance working 6-8 hours it is a normal work time schedule so they don't have workload in their workplace so the stress level of those

employees are lower level so they use fun activities for motivating or relaxation purpose that's why even though the fun at workplace does not influence in the stress, it influence in the employee performance.

As an outcome workplace involvement had formed from the common dominion of sports and socials onto the new environment and raced forward with actions ranging from casual dress to "Saturdays", celebrating birthdays & achievements, picnics, exotic training events, and encouragements to grip our inside jester. But in Sri Lankan context there are only some of the above activities are practices in IT companies there are some indoor game an annual party and Friday casual dress. May be it will be also a reason for the lower influence of stress.

One critical thing to remind us that not all employees like to have fun at work, especially when it is a packaged official fun in which all employees are 'supposed' to participate, [7, 48]. Even worse, some official fun activities may involve a day out during a weekend, formal rewards, and enforced play-hard rules. To make fun activities work as they are intended while giving employees an option not to participate, the management should carefully design fun activities so that employees happily choose to participate [9]. Involving employees in the designing process of fun activities or letting employees plan fun activities by themselves and providing necessary supports might be an adequate strategy to motivate employees to participate and to make the activities genuine fun to employees. That is, empowering employees in a fun culture to embrace their demands and boost their interests [48]. Given that hospitality businesses consist of lots of fun-loving people and hope their customer to have fun in their businesses, organizations have high potentials to allow more fun at work and subsequently instill an atmosphere of playfulness without substantial negative consequences [37].

Multiple regression method states that there is a positive relationship between fun at the workplace and employee performance, while stress also impact in employee performance negatively. When stress increase employee performance will decrease, but fun at workplace is not controlling the stress. So the mediation part is not supported to this research but it directly impacts in the depending variable which is employee performance. Coefficient indicates that fun at workplace and stress are significant predictors, shows that stress has a higher impact than fun at workplace.

As the result of this research, it's clear that stress has a negative impact on employee performance so that the fun at workplace reduces stress at day-to-day work, which ultimately results in higher number of production. Also, fun at workplace environment positively influence in employee performance.

Eventually, the above research clearly explains that a positive relationship between employee performance and fun at the workplace has to be maintained in order to control the stress with the help of fun at workplace which for the better performance of the employees.

CONCLUSION

Overall, the results of this study provide evidence to suggest that fun at work, directly and indirectly affects employee performance. Specifically, fun at work was positively and directly related to organizational citizenship behavior and positively and indirectly related to task performance and creative performance. Affective and cognitive mechanisms are also at play in the overall process. Individuals reporting greater levels of fun at work were also more likely to be in a better mood and also more engaged in their work. Additionally, individuals having fun at work were also more likely to be more engaged in their work, and thus exhibit greater creative performance. Therefore, the notion that a fun working environment results in greater employee productivity may indeed be true and seems worthy of further investigation.

According to the research the stress used as mediation part but in the result fun at workplace not help to control the stress so the path "a" canceled, even though there is a relationship between those two variables according to the correlation value (0.114). But the significant level $P=0.250$ is higher than 0.05.

According to the multiple regression methods there is a positive relationship between fun at workplace and employee performance. As same as stress also impact in employee performance when stress increase employee performance will decrease it is a negative relationship, but fun at workplace not controlling the stress. Hence the mediation part is not supported to this research but it directly impact in the depending variable.

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