iJRASET
International Journal For Research in Applied Science and Engineering Technology



INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Volume: 10 **Issue:** V **Month of publication:** May 2022

DOI: https://doi.org/10.22214/ijraset.2022.43061

www.ijraset.com

Call: 08813907089 | E-mail ID: ijraset@gmail.com

International Journal for Research in Applied Science & Engineering Technology (IJRASET)
ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.538
Volume 10 Issue V May 2022- Available at www.ijraset.com

A Study on Workplace Safety Awareness Among the Employees in One of The Leading Hospitals in Coimbatore

U. Suji[1], S. Sowmiya[2]
[1]*Assistant professor, Department of Hospital Administration, Dr. N.G.P. Arts and Science College*
[2]*Student, Department of Hospital Administration, Dr. N.G.P. Arts and Science College*

Abstract: Workplace safety is a critical issue. Employer should ensure that their employees are working in safe environment. People who lack workplace safety could get themselves affected by communicable diseases, transportation accidents, workplace violence, slipping and falling, toxic events which leads to harmful effects on workplace health.
Keywords: workplace, hospital, awareness, safety, hazard

I. INTRODUCTION

Safety of the workers means providing safe environment, equipment, procedures at the workplace in order to provide health and safety. It also refers to the working environment and encompasses of factor to that impact it's health, safety and well being of every employee who all are working, drug and alcohol abuse, and violence in the workplace. Hospital safety is the safety which includes the safety of patients and the quality of the hospital. The employees of the organization take care of them self and also take care of others who may be affected by organization actions at their work so the employees should co-operate with the co-workers and employee to help each and every one to meet their legal requirements.

II. OBJECTIVE OF THE STUDY

1) To study about the important of workplace safety.
2) To evaluate the level of awareness among the employees regarding workplace safety.
3) To suggest some methods to improve the workplace safety among the employees.

III. LITERATURE REVIEW

According to Ahzilah Wahid, Latipah Nordin, Muhammad Akmal Hakim Hazman (2020), workplace are more important to every employees various studies have been conducted related to occupational safety and health. This study aims on occupational safety and many respondents have high understanding about occupational safety and health.

According to Zamaan Al-Shabbani, Roy Sturgill, Gabriel Dadi (2020), conducted various work operations. The large equipment and materials have high expose so various methods are followed to avoid the hazards and risks. So the maintenance crew maintained safety and healthy.

According to Rania M El-Sallamy, Ibrahim Ali Kabbash, SanaaAbd El-Fatah, Asmaa ElFeky14 (2018), hospital workers are more exposed to occupational hazards which threaten their health and safety physical environment in the hospital includes temperature,noise, injures, radiation to these are the physical hazards in hospital.

IV. RESEARCH METHODOLOGY

This is a descriptive research that uses percentage analysis to describe the workplace safety awareness.

A. Data Collection

1) Only primary data is used that is collected through Questionnaire.
2) The targeted population is employees in one of the leading hospital Coimbatore.

B. Sample Size

1) The sample size for the study is 100 employees.

©IJRASET: All Rights are Reserved

V. ANALYSIS

The obtained data was analyzed through simple percentage analysis and the collected data was correlated to establish relationship between two independent variables.

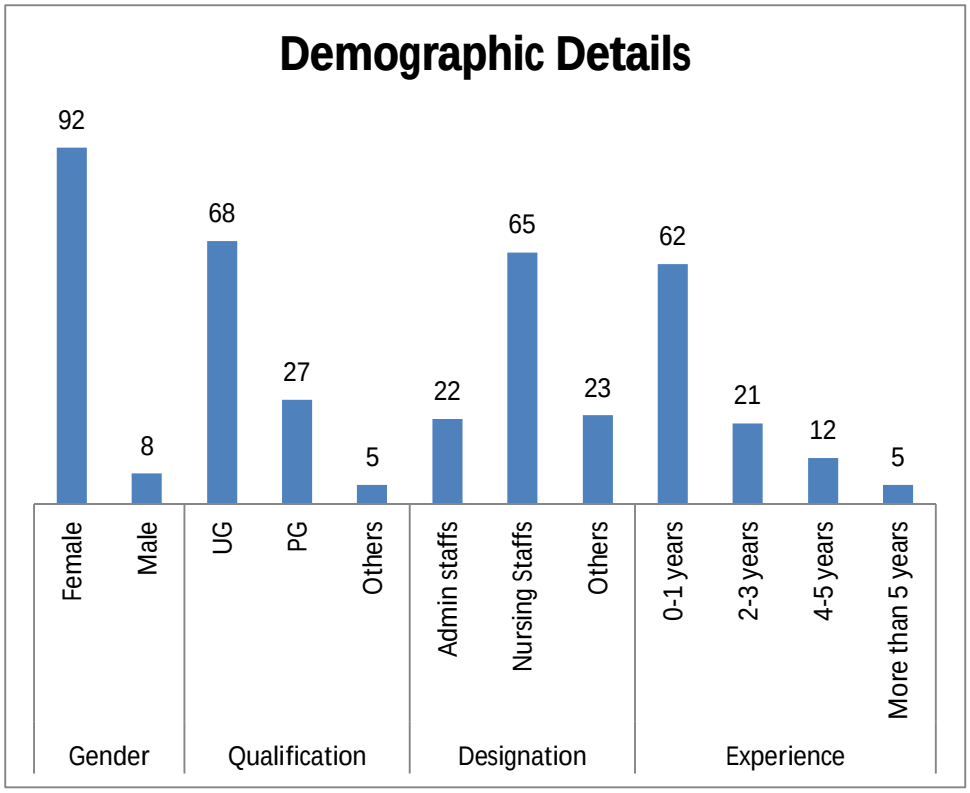


Fig 1: Chart showing demographic details of employees

The above chart show that 92% of them are male, 27% of them have studied UG, 12% of them are working as an administration staff, 5% of employees have experience more than 5 years.

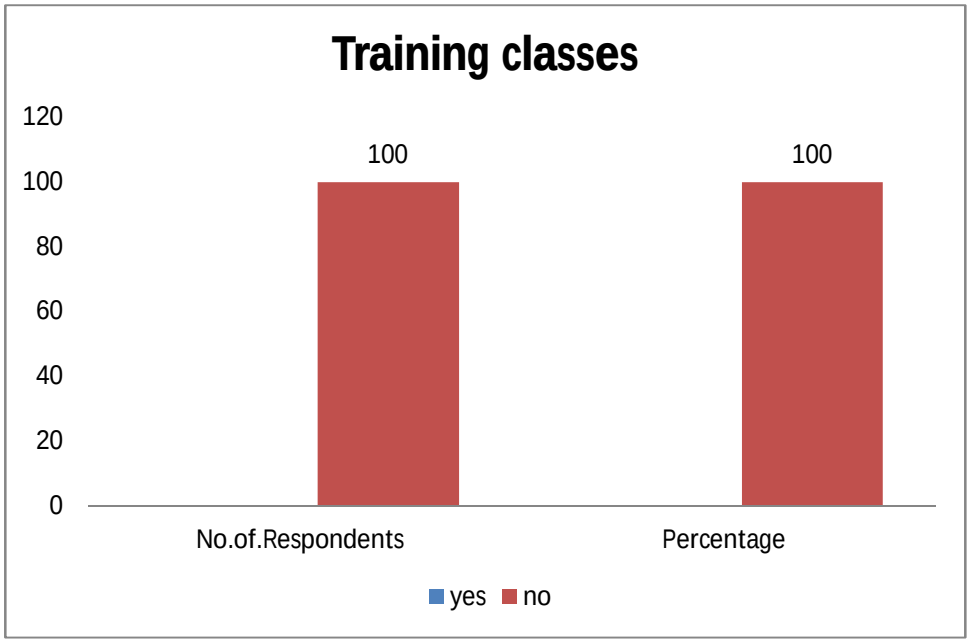
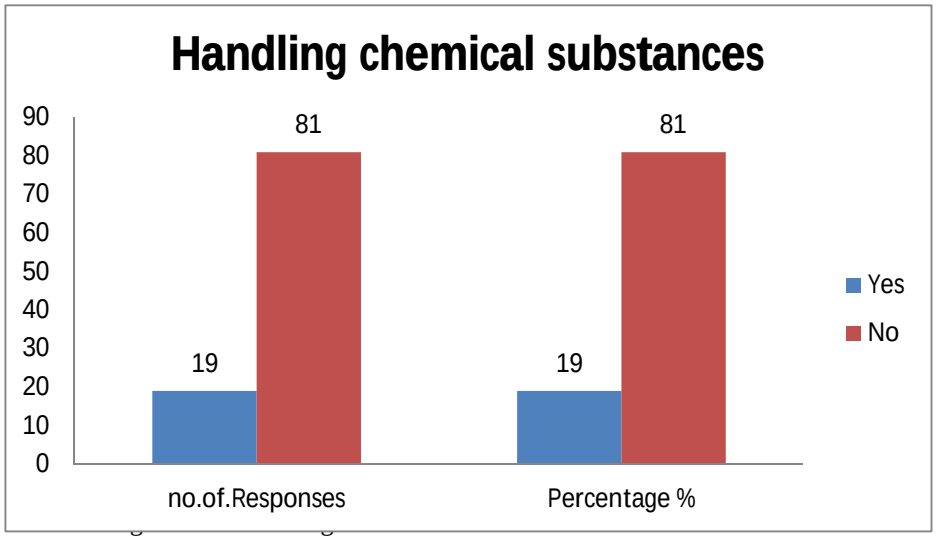


Fig 2: Chart shows that the employees feel safe at workplace

The above chart show that 100% of the employees agreed that they don't receive training class.



The above chart shows that only 19% of the employees are known to handle chemical substances whereas 81% of them are not known to handle chemical substances.

Correlation

		Hospital providing adequate training class	Do you feel safe at workplace
Hospital providing adequate training class	Pearson Correlation	1	0.302
	Sig. (2-tailed)		.002
	N	100	100
Do you feel safe at workplace	Pearson Correlation	.302	1
	Sig. (2-tailed)	.002	
	N	100	100

In the following interpretation, H denotes "Hypothesis".
H_0: There is no correlation between training classes provided by hospital and safety at workplace.
H_1: There is correlation between training classes provided by hospital and safety at workplace.
From the above table, the significant value is 0.002, which is lesser than 0.005, hence we reject H_0 and accept H_1. Thus, we prove that there is correlation between training classes provided by hospital and safety at workplace.

VI. FINDINGS

1) It is evident from the analysis that 100% of the employees agreed that they don't receive training class.
2) It is evident from the analysis that 19% of them are known to handle chemical substances and 81% of them are not handling chemical substances.
3) The correlation tables concludes that the significant value is 0.002, which is lesser than 0.005, hence we reject H_0 and accept H_1. Thus, we prove that there is correlation between training classes provided by hospital and safety at workplace.

VII. SUGGESTION

1) Proper training should be provided to each and every employee who all is working in the organization.
2) The raw material which is provided to the employees should be used properly and regularly.
3) Training classes like fire safety, equipment handling, and knowledge about the hospital environment should be conducted regularly.
4) The organization should arrange a meeting or conference to improve employee's awareness.
5) The organization can make a detailed motive board to know more about safety awareness.

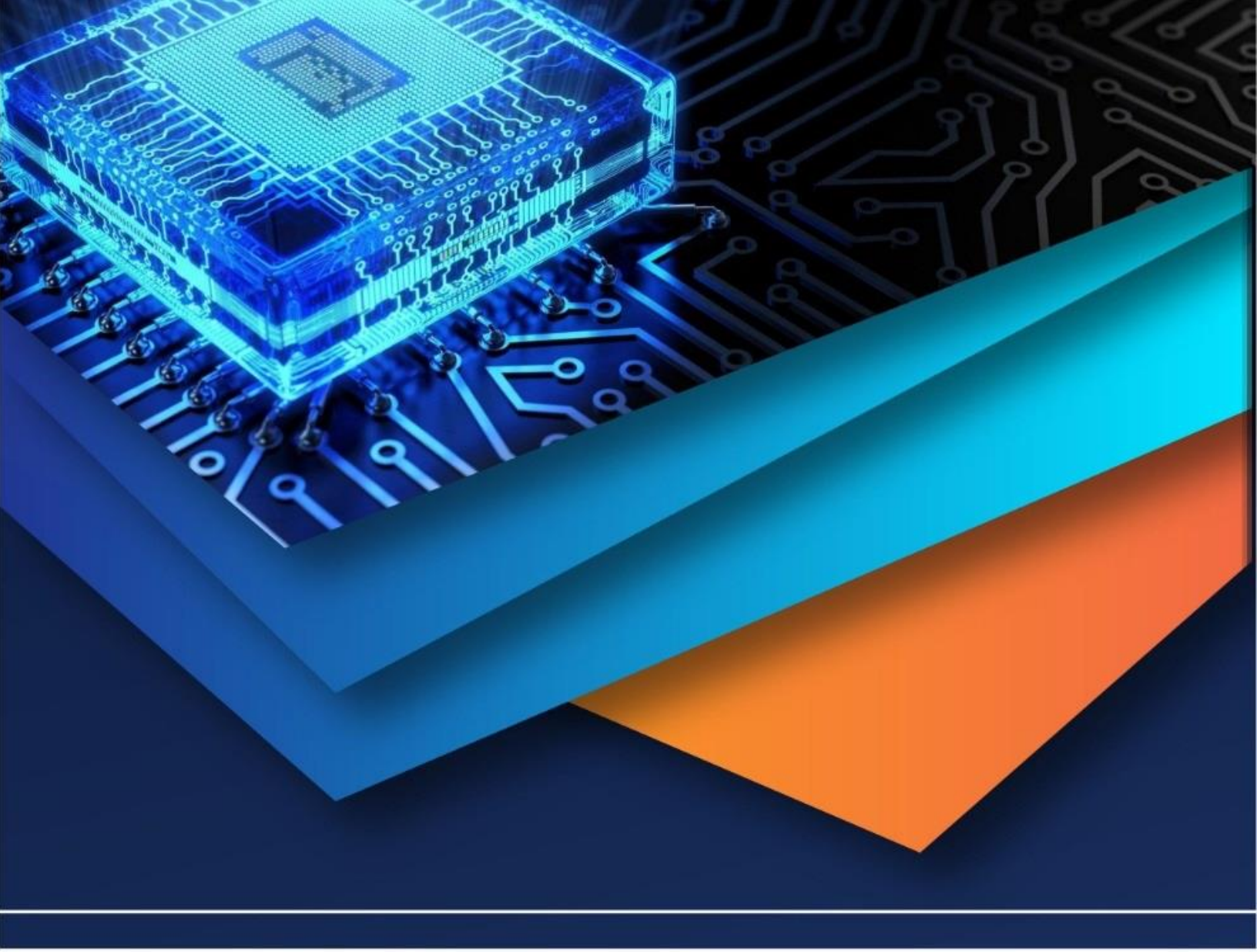
VIII. CONCLUSION

Workplace safety promotes healthy wellness, safety of the employees. Better Safety gives better health to their life. The employees who are healthy can do work more efficiently and effectively. Employees who are lacking in their safety can leads to decrease productivity in an organization. So we should keep the workers safety to make the patient safe.

REFERENCES

[1] Ahzilah Wahid, Latipah Nordin, Muhammad Akmal Hakim Hazman A study safety awareness among warehouse workers in pasirgudang industrial area Advance Scientific Research, 2020.
[2] Amrik S Sohal, Jie Chen , I Forsyth Managing workplace safety risks: a supply chain perspective Institute for Safety, Compensation and Recovery Research, 2012.
[3] Ayana UC Walters, Wendy Lawrence, Nigel K Jalsa Chemical laboratory safety awareness, attitudes and practices of tertiary students Safety science 96, 161-171, 2017.
[4] BaizuraZubir, FazidahSaad, Wan Faradiana Wan Maidin, MohdRiduanJamaludin Safety and Health Awareness among Staff and Students in Workshop and Laboratory of an Engineering Technology University Campus International Journal of Engineering Research & Technology (IJERT) 5 (3), 2016.
[5] Bethany Harvey Supply chain safety Professional Safety 59 (5), 66, 2014.
Bruce Bernard, Steve Sauter, Lawrence Fine, Martin Petersen, Thomas Hales Job task and psychosocial risk factors for work-related musculoskeletal disorders among newspaper employees Scandinavian journal of work, environment & health, 417-426, 2016.
[6] Budapest Juridical analysis of the occupational safety and health management system in the company International Research and Critics Institute-Journal (BIRCI-Journal), 895-901, 2020.
[7] Darcy Copeland Workplace violence and perceptions of safety among emergency department staff members: experiences, expectations, tolerance, reporting, and recommendations, Melissa Henry Journal of trauma nursing 24 (2), 65-77, 2017.
[8] David E Cantor Workplace safety in the supply chain: a review of the literature and call for research The International Journal of Logistics Management, 2008.
[9] Rania M El-Sallamy, Ibrahim Ali Kabbash, SanaaAbd El-Fatah, Asmaa El-Feky Physical hazard safety awareness among healthcare workers in Tanta university hospitals, Egypt

©IJRASET: All Rights are Reserved | SJ Impact Factor 7.538 | ISRA Journal Impact Factor 7.894 |



10.22214/IJRASET

45.98

IMPACT FACTOR: 7.129

IMPACT FACTOR: 7.429

INTERNATIONAL JOURNAL FOR RESEARCH

IN APPLIED SCIENCE & ENGINEERING TECHNOLOGY

Call : 08813907089 (24*7 Support on Whatsapp)