IJARSCT
ISSN (Online) 2581-9429
International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)
Volume 3, Issue 3, January 2023
Impact Factor: 7.301

Impact of Digital Learning using Smartboards with Undergraduate Students in the Suburbs of Mumbai

Prof Abhijeet K. Mohite[1] and Dr. Deepak Raverkar[2]
Assistant Professor, Usha Pravin Gandhi College of Arts, Science and Commerce, Mumbai, Maharashtra[1]
Principal, Sundarrao More Arts, Commerce and Science College, Poladpur (Cholai), Poladpur, Raigad, Maharashtra[2]

Abstract: The research paper focuses on the impact of digital learning using smart boards for undergraduate students in the suburbs of Mumbai. While doing this research the students were being surveyed using online forms and were asked questions on their digital learning and impact of smartboard. A comparative study has been carried out to understand whether smartboards are really an effective tool as compared to whiteboards/blackboards. While doing this the sample population was considered for the survey and questions were asked to the random students who have encountered both types of mediums I.e., smartboards and blackboards/whiteboards. So, while using paired t test has been carried out as a statistical test to carry out the hypothesis testing. While doing this SPSS was used to carry out the analysis and it can be seen that the P value is <0.05 hence we have rejected the null hypothesis and accepted the alternate hypothesis. Hence from this study we can conclude that the smartboards are really impacting the teaching learning methodology and improving the learning of students in the classrooms.

Keywords: Smartboard, Digital Learning, Online Learning, Blackboard, Whiteboard, Smart learning

REFERENCES

[1]. Akmanoğlu, E. P. (2018). Effectiveness of Video Modeling Presented via Smartboard for Teaching Social Response Behavior to Children with Autism. *Education and Training in Autism and Developmental Disabilities*, 363-377.
[2]. Escuadro, S. (2022, September 30). *Digital Learning*. Retrieved from EdAppDigital Learning: https://www.edapp.com/blog/what-is-digital-learning/
[3]. Noemi Waight, M. M. (OCTOBER 2014). Factors that Influence Science Teachers' Selection and Usage of Technologies in High School Science Classrooms. *Journal of Science Education and Technology*, 668-681.
[4]. Ramakrishnan, M. (2021, 03 25). *Smart Boards Classroom*. Retrieved from Lead: https://leadschool.in/blog/how-smart-boards-in-classrooms-enhance-learning-experience/