The Impact of Augmented Reality on Fashion and Textile Design Education

Mona Mohamed Adel El-Nahas

Associated Professor, Visual Communication Department, Faculty of Mass Communication, Ahram Canadian University, Cairo, Egypt.
Associated Professor, Faculty of Design and Innovative Arts, Ahram Canadian University, Cairo, Egypt, monaaedelnahas_ahmed@yahoo.com

Paper History:
Paper received 10th August 2021, Accepted 27th September 2021, Published 1st of November 2021

Abstract:
Technological experiences have been in continuous motion to decades. Because of the powerful ideas and projects, these experiences produced Augmented reality is a live, which is an interaction paradigm that aims to combine computer-generated information with the real world. This advanced technology, which can be employed on multiple devices such as interactive screens and smart phones become very useful in many fields like fashion, accessories, footwear, furniture and finally in education which aimed this research to prove the direct impact of augmented reality in the educational process by using questionnaire method for both students and teachers to reveal the output results from augmented reality in the educational process. The findings reveals that Augmented Reality (AR) in education can empower teachers by providing highly stimulating digital content and features that can engage learners in no time. This research aims to know the impact of augmented reality engagement in learning by students and their designs further more Augmented Reality in education has been proven to improve teacher-student collaboration in classes. this research try to contribute in the field of textile design research and facilitate the implementation designs before printing and applied.

Keywords:
Augmented Reality, Fashion, Textile, Design Education

References:

27. Journal of Ambient Intelligence and Humanized Computing volume 9, pages1391–1402 (2018
35. Nashwa Moustafa Nagy, Lecturer, Department of Spinning, Weaving, and Knitting, Faculty of Applied Arts, Benha University, Egypt, nashwa.moustafa@fapa.bu.edu.eg Paper received 10th July 2019, Accepted 15th September 2020, Published 1st of October 2020
38. Rabeel, How Augmented Reality is Redefining the Fashion Industry, 2018
48. Yuzhao Liu 1,*, Yuhan Liu 1, Shihui Xu 1, Kelvin Cheng 2, Soh Masuko 2 and Jiro Tanaka 1, (Comparing VR- and AR-Based Try-On Systems Using Personalized Avatars) Published: 2 November 2020