Artificial intelligence as a visual conceptualization source for designing theater scenery and backgrounds

Ghada Khaled ali mohamed Hussein

Lecturer, Faculty of Applied Arts, Damietta University, Damietta, Egypt., Eng.ghadakhaled@gmail.com

Abstract:

The research aims to clarify the importance of artificial intelligence applications and their significant role in the artistic practices and design of theater landscapes and backgrounds. It also aims to integrate arts and technology through artificial intelligence programs as an advanced teaching method. The significance of the research lies in enhancing the role of artificial intelligence as one of the brainstorming methods in designing theatrical scenes that require great imagination, and not as a substitute for the designer's role. It also helps those interested in visual arts to have a deeper understanding of these arts and how to study and analyze them to derive new insights. The study follows an experimental descriptive methodology by experimenting with artificial intelligence techniques and analyzing their impact on students of arts, especially those studying landscape and theater backgrounds design. The study concludes with several results, indicating that our goal as researchers and artists should be to achieve a new environment that can be used by professional and non-professional artists. The study also emphasizes the importance of employing artificial intelligence capabilities and highlighting how machines can play a vital role in achieving a creative artistic experience that cannot be accomplished by machines alone. However, machines can be part of the artistic process by employing hybrid skills from art and technology to find innovative design perspectives.

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