

Employing Artificial Intelligence to Develop Innovative Thinking and Enhance National Identity Among Female Students of the Children's Fashion Design Course

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Abstract:

The world is currently interested in modern technological developments, the most important of which is artificial intelligence, which has entered many fields. These developments should be used to develop creativity and innovative thinking among students. With the development of communication methods and the knowledge explosion, national identity must be preserved in its civilized concept; Therefore, the research problem is to keep pace with modern technological trends and help develop students' thinking skills to build a mentality capable of facing problems and thinking about solving them in a practical way, and enhance their national identity to contribute to achieving the vision of the Kingdom of Saudi Arabia. The research aims to identify the most important tools and applications of artificial intelligence that help develop innovative thinking in fashion design, employ artificial intelligence in designing children's clothing to develop innovative thinking and enhance national identity among students of the Fashion Design Department, determine the degree of acceptance of specialists for children's clothing designs produced by students using artificial intelligence, and use the descriptive analytical approach with the application, and the results showed that the generative designs produced by students received high scores from specialists in creative thinking skills (fluency, flexibility and originality), as well as enhancing national identity and using the application, and the sixth design achieved the highest scores with a quality factor of 92% for the total sum of the evaluation axes.

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