**The Function of Animation and Visual Effects in Enhancing Educational Experiences with AI: Visualisation of Knowledge Acquisition**

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**Abstract:**

A significant shift in education has been brought about in recent years by the blending of artificial intelligence (AI) with animation and visual effects. This paper is the central significance of animation and visual effects in boosting educational experiences through the application of AI technology is explored in this study. The study looks at the benefits of using animation and visual effects in instructional content, highlighting increased engagement, better memory, and better comprehension of complex ideas as some of the major advantages. AI-driven adaptive learning platforms can alter how educational content is presented in real-time to meet the individual needs of a variety of learners, improving accessibility and overall effectiveness. Utilising technical tools to create and transmit visual messages and information is known as visual communication design technology. This paper explores the numerous possibilities of animation and visual effects in enhancing educational experiences in a range of subjects. The use of various artistic forms into educational materials not only captures students' interest but also makes it possible to simplify and visualise difficult ideas. Animation's capacity for adaptation enables it to transcend cultural borders and establish strong connections with viewers all across the world with help of Animation and Visual Effects in Enhancing Educational Experiences with AI.

***Keywords:*** *Education, Animation, Visual Effects, Artificial intelligence(AI), Computer- Generated Imagery (CGI), Animation Software,* ***V****ideo Production.*