

The Future of Traditional Education Confronting Artificial Intelligence (AI)

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Abstract

The rapid advancements in high-tech Artificial Intelligence (AI) have profoundly impacted various aspects of our lives, including education. As AI gains momentum, traditional education is at a critical crossroad, prompting educators and learners to explore its implications on conventional learning methods. This research aims to illuminate the significant progress made by AI in education and the role of artificial intelligence applications (AIA) in transforming the learning landscape. Embracing AI in traditional education offers vast potential benefits, automating administrative tasks, freeing up educators to engage with students more deeply, and fostering critical thinking and creativity. AI-powered virtual tutors can bridge educational gaps for remote learners, ensuring equitable access to quality education. The study addresses key questions such as how educators can effectively leverage AI without replacing their roles entirely, integrating human touch and emotional intelligence into a technologically driven educational environment, and prioritizing relevant skills to prepare students for an AI-influenced job market. Data privacy and ethical AI use are vital concerns discussed in the research. Balancing innovation and safeguarding student information is crucial for educational institutions. To achieve its objectives, the research will use surveys to gather insights from educators, students, and educational institutions about their experiences, attitudes, and perceptions regarding AI integration in education. In conclusion, This research contributes to the understanding of AI integration in education and its potential impact on the future of learning.

Keywords: Learning, creativity, impact, innovation, ethics.