

# **New and Emerging Technologies in Education**

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**Abstract:** *The current study looks into how technology is used in schools and how it helps students learn and teachers teach better. Technology has quickly become an important part of the modern school system because it makes it possible to make cutting-edge tools and resources that make teaching better and stronger. This paper looks at the use of educational software, online learning platforms, mobile devices, and virtual reality, among other technological advances. Additionally, it talks about the different pros, cons, and possible future effects of putting technology into educational settings. The results of this study show that technology has positive effects on how engaged students are, how well they work together, how well they learn on their own, and how well teachers do their jobs. The paper also talks about some of the things that should be thought about to make sure implementation goes well. Some of these factors are infrastructure, training for teachers, and giving everyone the same access to technology. Overall, the goal of this research paper is to show how important it is for schools to use technology as a useful tool to create dynamic, learner-centered learning environments that prepare students for the challenges of the twenty-first century.*

**Keywords:** Technology, education system, learning, teaching, educational software, online learning platforms, mobile devices, virtual reality, student engagement, personalized learning, teacher effectiveness, teacher training