

# **The Part that Technology Plays in the Educational System**

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**Abstract:** *This dissertation looks into how technology is used in schools and how it helps students learn and teachers teach better. Technology has become an important part of today's education system because it allows teachers to come up with new ways to teach and gives them more resources and tools to do so. Some of the methods by which technology is being used in education today that are looked at in this paper are the use of educational software, online learning platforms, mobile devices, and virtual reality. In addition, it talks about the different pros, cons, and possible future effects of putting technology into educational settings. The results of this study show how technology has positive effects on how engaged students are, how well they work together, how well they learn on their own, along with how well teachers do their jobs. The paper also talks about some of the things that should be thought about to make sure adoption 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 environments for learning that prepare students for the challenges of the 21st era.*

**Keywords:** The system of learning, teaching, educational software, online learning platforms, mobile devices, virtual reality, participation by students, personalized learning, and the effectiveness of teachers