

Emerging Modern Technology in the Educational System

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Abstract: *This paper of research looks into the use of technology within schools and its impact on improving the quality of education. Technology has quickly become a vital component of today's educational system, allowing for the creation of cutting-edge tools and resources that strengthen and improve instructional procedures. Some of the advances in technology investigated in this paper include educational software, online learning platforms, mobile devices, and virtual reality. It also discusses the various benefits, drawbacks, and potential future consequences of incorporating technology into educational settings. This study's findings highlight the positive effects of technology on student engagement, student collaboration, personalized learning, and the effectiveness of educators. The paper also goes over some of the factors that should be considered to ensure successful implementation. Infrastructure, teacher training, and equal access to technology are among these factors. Overall, the goal of this research paper is to emphasize the importance of using technology as a useful tool within the educational system to create dynamic, learner-centered environments that prepare students for the challenges of twenty-first-century life.*

Keywords: Technology, the system of education, teaching, and learning, instructional software, online learning platforms, mobile devices, virtual reality, student engagement, customized instruction, teacher effectiveness, infrastructure