Understanding Digitalization of Education through the Lens of NEP 2020: Prospects and Challenges

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Abstract*: The modern period is witnessing a profound digital revolution in human life, often referred to as an explosion of information. This digitalization trend is revolutionizing various aspects of society, notably the education sector. The advent of sophisticated technologies for information storage, processing, and dissemination has revolutionized learning paradigms. Digital platforms have democratized education, providing enhanced accessibility and personalized learning experiences. Interactive and engaging content delivery methods have redefined traditional pedagogical approaches, fostering increased engagement among learners in diverse educational settings. The integration of digital technologies has empowered students, educators, and researchers to actively participate in educational programs and access hands-on learning opportunities. While digitalization promises to enhance the quality and effectiveness of educational resources, it also presents challenges such as technology disparities, security concerns, inadequate training, and adoption hurdles. This study aims to delve into the multifaceted dimensions of digitalization in education, exploring its potential benefits and obstacles. By addressing the complex issues faced by stakeholders in the education ecosystem, this conceptual analysis seeks to accelerate the seamless integration of digital technologies into the educational landscape, envisioning a digitally empowered educational system for the nation*

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