



The Effect of Educational Technology on Teaching–Learning Processes in Higher Education

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Abstract

Educational technology has become an essential component of higher education, transforming traditional teaching and learning methods through the integration of digital tools, online platforms, and interactive resources. The present study examines the effect of educational technology on teaching–learning processes in higher education institutions. It explores how technology enhances instructional effectiveness, student engagement, collaboration, and academic performance. The study is based on both primary and secondary data collected from teachers and students in higher education settings. The findings reveal that educational technology facilitates flexible learning, improves access to educational resources, encourages active participation, and supports personalized learning experiences. However, challenges such as technical issues, digital literacy gaps, and infrastructure limitations also affect its effective implementation. The study concludes that educational technology plays a significant role in improving the quality and efficiency of higher education and recommends continuous technological support, training programs, and effective integration of digital tools into teaching practices.

Keywords: Educational Technology, Higher Education, Teaching–Learning Process, Digital Learning, Student Engagement, E-Learning.

