

International Conference on Educational Technology, Computer Science, and Modern Management Practices

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Abstract

This paper explores the interdisciplinary relationship between educational technology, computer science, and modern management practices in contemporary academic and organizational settings. With the rapid advancement of digital tools, artificial intelligence, and cloud-based platforms, educational institutions and organizations are increasingly adopting technology-driven approaches to improve efficiency, teaching–learning outcomes, and administrative decision-making. The study highlights how computer science innovations such as data analytics, machine learning, and learning management systems are transforming education delivery and institutional governance. It also examines modern management practices that support digital transformation, including strategic planning, resource optimization, and change management. The integration of these three domains enhances productivity, improves learner engagement, and supports evidence-based decision-making. The paper concludes that effective collaboration between technology and management is essential for building smart, adaptive, and future-ready educational systems.

Keywords: Educational Technology, Computer Science, Artificial Intelligence, Digital Transformation, Learning Management Systems, Data Analytics, Modern Management Practices.