Impact of AI Technologies on Teaching, Learning, and Research in Higher Education

Part of the Advances in Educational Technologies and Instructional Design Book Series

Shivani Verma (Km. Mayawati Government Girls P.G. College, India) and Pradeep Tomar (Gautam Buddha University, India)

Description:

Impact of AI Technologies on Teaching, Learning, and Research in Higher Education explores the phenomena of the emergence of the use of AI in teaching and learning in higher education, including examining the positive and negative aspects of AI. Recent technological advancements and the increasing speed of adopting new technologies in higher education are discussed in order to predict the future nature of higher education in a world where AI is part of the fabric of universities. The book also investigates educational implications of emerging technologies on the way students learn and how institutions teach and evolve. Finally, challenges for the adoption of these technologies for teaching, learning, student support, and administration are addressed. Highlighting such tools as machine learning, natural language processing, and self-learning systems, this scholarly book is of interest to university administrators, educational software developers, instructional designers, policymakers, government officials, academicians, researchers, and students, as well as international agencies, organizations, and professionals interested in implementing AI in higher education.

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- Avatar-Based Teaching
- Conversational AI
- Higher Education
- Intelligent Learning
- Machine Learning
- Natural Language Processing
- Self-Learning System
- Technology-Enabled Education
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