Augmented Reality and the Future of Education Technology

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

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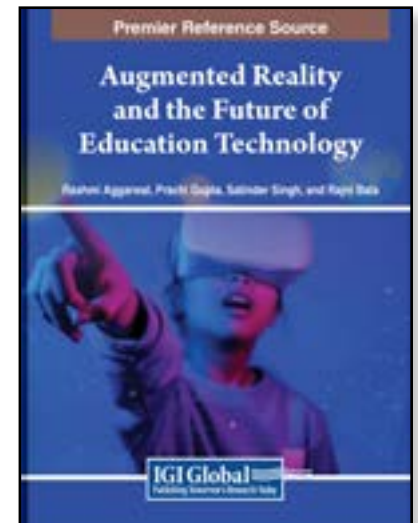
Description:

In the field of education, the quick progression of technologies poses both unprecedented challenges and unparalleled opportunities. As our classrooms undergo a large shift, traditional practices are being questioned, demanding a reevaluation of how we teach, learn, and prepare the leaders of tomorrow. The consensus is clear: for our students to thrive in an increasingly tech-driven world, they must not only understand but also master technology to ensure future economic success. However, the integration of these technologies into education brings forth a myriad of complexities, necessitating a thoughtful exploration of their impact and potential solutions.

The swift development of transformational technologies is reshaping education, presenting educators, administrators, and policymakers with a daunting challenge. **Augmented Reality and the Future of Education Technology** offers pivotal solutions to the challenges presented by transformative technologies in education.

Traditional teaching methods are being scrutinized, and the need for a cohesive understanding of these technologies is becoming imperative. The growing gap between the demands of the digital age and the current state of education highlights the urgency to address issues such as teacher readiness, student engagement, and the overall organizational culture's ability to adapt to this technological paradigm shift. The question remains: How can education effectively harness these technologies to create learner-centric, personalized, and engaging learning experiences?

Augmented Reality and the Future of Education Technology investigates the diverse applications and implications of these technologies and provides a practical framework for their strategic integration. Addressing educators, researchers, administrators, and policymakers, this book offers insights into the rise of transformative technologies, their impact on pedagogy, and strategies for effective adaptation. By exploring topics such as virtual reality, artificial intelligence, and pedagogical transformation, this book is a roadmap for navigating the complexities of educational technology. It is a vital resource for those seeking to understand, embrace, and harness the power of technology to shape the future of education.

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Hardcover: $255.00   **E-Book:** $255.00   **Hardcover + E-Book:** $305.00

Topics Covered:

- Adoption of Technology by Educators
- Artificial Intelligence in Education
- Digital Learning Resources
- EdTech Apps and Software
- Expanding the Scope of Students' Understanding
- Influence of Disruptive Technologies
- Learning Management System
- Metaverse
- New Learning Paradigm
- Perspectives on Technology for Education
- Student Engagement and Motivation
- Teacher Training and Readiness
- The Digital Mindset
- The Rise of Transformative Technologies
- Virtual Reality and Augmented Reality

Subject: Education

Classification: Edited Reference

Readership Level: Advanced-Academic Level (Research Recommended)

Research Suitable for: Advanced Undergraduate Students; Graduate Students; Researchers; Academicians; Professionals; Practitioners