

Generators, Bots, and Tutors: Creative Approaches to Human-AI Synergy in Classroom Instruction

Bosedede Iyiade Edwards (Universiti Sains Malaysia, Malaysia)
 Hassan Abuhasna (Sunway University, Malaysia)
 Damola Olugbade (First Technical University, Nigeria)
 Olayinka Anthony Ojo (University of Bolton, UK)
 Wan Ahmad Jaafar Wan Yahaya (Universiti Sains Malaysia, Malaysia)

Description:

Emerging technologies are transforming education. By incorporating gamification into the curriculum, teachers are having an impact on the engagement of their students, leading to optimized learning experiences that still encourage human creativity. Additionally, with the use of virtual tutors, students have better access to educational resources that further their academic achievement. As a result, teachers are equipped to manage the individual learning needs and enhance the cognitive development of their students. Thus, it is important to refine these tools and products to achieve greater effectiveness in diverse educational settings.

Generators, Bots, and Tutors: Creative Approaches to Human-AI Synergy in Classroom Instruction aims to significantly contribute to the ongoing discourse on the integration of technology in education by presenting cutting-edge research that addresses both the theoretical frameworks and practical applications of digital learning tools. It introduces new perspectives on the role of artificial intelligence (AI), immersive technologies, and gamification in education, and how these can be harnessed to optimize learning experiences. Covering topics such as non-player characters (NPCs), emotional connections, and classroom instructions, this book is an excellent resource for educators, instructional designers, educational administrators, policymakers, technology developers, educational technology entrepreneurs, professionals, researchers, scholars, academicians, and more.

ISBN: 9798337308470 **Pages:** 312 **Copyright:** 2026 **Release Date:** 6/6/2025

Hardcover: \$140 **Softcover:** \$100 **E-Book:** \$140 **Hardcover + E-Book:** \$165

Topics Covered:

- | | | |
|------------------------------|-------------------------------|---|
| Academic Assessment | Ethical Frameworks | Self-Determination Theory |
| Artificial Intelligence (AI) | Higher Education | Special Education |
| Bloom's Taxonomy | Immersive Learning | Student Motivation |
| ChatGPT | Learning Math | Substitution, Augmentation, Modification, Redefinition (SAMR) Model |
| Classroom Instructions | Non-Player Characters (NPCs) | Values-Based Leadership |
| Data Security | Personalized Learning | Video-Conference Platforms (VCP) |
| Emotional Connections | Public Sector Audit Education | |

Subject: Education

Readership Level: Advanced-Academic Level (Research Recommended)

Classification: Edited Reference

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

Order Information

Phone: 717-533-8845 x100
 Toll Free: 1-866-342-6657
 Fax: 717-533-8661 or 717-533-7115

www.igi-global.com

Address: 701 East Chocolate Avenue, Hershey PA, 17033, USA

