Dear GLOKALde Readers,

We are delighted to present the August 2024 special edition of GLOKALde, Volume 10, Issue 2. This issue combines four insightful articles from distinguished researchers, each contributing valuable perspectives on integrating generative artificial intelligence (GenAI) and educational technologies in higher education.

The first article, entitled "**Connecting Functional Educational Technology to Higher Education Andragogy Using Generative Artificial Intelligence**," was written by Dr. Jace Hargis and Rick Gessner. This article explores the integration of educational technologies into curriculum design using generative artificial intelligence (GenAI). It emphasizes foundational learning theories and effective pedagogical practices to create engaging curricula. The study highlights how GenAI supports teaching by providing assessment tools, fostering self-regulation, and enhancing metacognition and self-efficacy. The paper also discusses various instructional elements such as mood/confusion buttons, Instructables, student response systems, and curated learning materials. The proposed framework aims to align technology with pedagogical principles to improve educational outcomes.

The second article, "**Integrating GenAI Technology and Cooperative Learning in ESL Writing Courses in EMI Universities in China**," by Dr. Yvonne Marie Tiandem-Adamou, explores the use of Generative AI (GenAI) tools and cooperative learning strategies to support ESL students' writing skills in Chinese EMI universities. The study finds that combining GenAI feedback with group discussions, peer editing, and collaborative projects significantly improves writing proficiency and engagement. It also highlights the need for policy support and teacher training to implement these approaches effectively.

The third article, titled "**Teaching and Learning Creative Coding with Conversational AI**," by Jung Hyun Moon, Fangqing Quinn He, Shiyuan Sissy Tian, and Dr. Jace Hargis, explores the use of conversational AI tools like OpenAI's ChatGPT and GitHub Copilot in creative coding education. This study categorizes students into beginner, intermediate, and advanced levels, analyzing their interactions with AI tools. Findings show that while conversational AI can improve learning efficiency and engagement, it requires careful course design to prevent over-reliance and to develop critical problem-solving skills. The study provides practical guidelines for learners and instructors to effectively use these AI tools in creative coding, aiming to enhance technical and creative skills in education.

The fourth article, "**Benefits and Challenges in Implementing Artificial Intelligence from Chinese EFL Primary School Teachers' Attitude and Perception**," by Lingjing Zhang, explores the views of Chinese primary school English teachers on AI integration. Based on interviews and questionnaires, the study highlights eight benefits of AI, such as increased motivation, personalized learning, and enhanced speaking skills. It also identifies four challenges: lack of technical skills, insufficient equipment, ethical concerns, and potential vision problems. The research emphasizes the need for thorough teacher training, strong technical support, and addressing ethical and health issues to successfully implement AI in education.

Our next issue is scheduled for release in October 2024, and we eagerly anticipate sharing more groundbreaking research with our readers.

Cordially,

Editors of GLOKALde

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