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Special Issue

Generative Artificial Intelligence in Education

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Aim and Scope

Generative Artificial Intelligence (AI) has emerged as a promising technology with the ability to create original content, such as text, images, and sound. The use of generative AI in educational settings is becoming increasingly popular and offers a range of opportunities and challenges. This special issue aims to explore the management and integration of generative AI in educational settings, including the ethical considerations, best practices, and opportunities.

The potential of generative AI in education is vast. By using algorithms and data, generative AI is able to create original content that can be used to augment the traditional teaching methods, creating a more interactive and personalized learning experience. In addition, generative AI can be used as an assessment tool and for providing feedback to students using AI-generated content. For instance, it can be used to create a custom quiz, generate essay prompts, or even grade the essays. The use of generative AI as an assessment tool can reduce the workload of teachers, as well as help students receive prompt feedback on their work.

Incorporating generative AI in educational settings also poses challenges related to academic integrity. With the ease of access to generative AI models, students might use them to study or complete their homework assignments. The use of generative AI models can raise concerns about the authenticity and authorship of the delivered work. Therefore, it is important to ensure that academic standards are maintained, and the originality of the student's work is preserved. This issue highlights the need for implementing ethical practices in the use of generative AI models and ensuring that the technology is used to support and not replace the student's learning experience.

We encourage submissions that use empirical research methods, such as experimental studies, case studies, and surveys. In addition, we welcome theoretical papers that provide a comprehensive understanding of the topic.

Author guidelines and online paper submission form available at www.ijimai.org

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Suggested Topics

- Effective strategies and resources that can utilize generative AI capabilities to enhance learning experiences
- Use of generative AI as an assessment tool and for providing feedback to students using AI-generated content
- Challenges and opportunities that arise when implementing generative AI in classroom instruction and curriculum development
- Impact of AI tools on academic integrity and how to maintain academic standards
- Ethical implications of using AI models in the classroom, such as bias, transparency, and data privacy
- Best practices for managing and monitoring AI models in educational settings
- Aligning AI models with learning objectives and instructional goals
- Integrating AI models into existing curriculum
- Creating educational resources for generative AI (training and embedding educational content into AI generative models)
- AI-generated content in education
- Generative AI in adaptive and personalized learning
- Generative AI in language education
- Maintaining academic integrity in AI-assisted education
- Ensuring the originality and authorship of AI-generated content

Important Dates

15 September 2023
Paper Submission Deadline

31 October 2023
Notification of the first round review

30 November 2023
Revision due

15 January 2024
Acceptance Notification

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