

Potentials and concerns of ChatGPT in education: A systematic literature review of publications in 2020-2023

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INTRODUCTION

- ChatGPT is an Artificial Intelligence technology from OpenAI which make the user able get real-time interactions with the bot.
- Many people use it for several purpose include students and educators.

The purpose of this research is to recognize ChatGPT potentials and concerns role in education aspect, like productivity, moral and ethic, and creativity.

LITERATURE REVIEW

Maximum 1 slide

METHOD

Descriptive qualitative:

The literature review between 2020-2023 is applied by collected, evaluated, and synthesized relevant datas. Through reviewing existing literature, the study aims to gain a comprehensive understanding of the topic.

FINDING AND DISCUSSION

- ChatGPT is easy to use for users but educators still need to focus on moral teaching and understanding through regular practice and creating a school environment that values ethics and moral principles.
- ChatGPT is helpful to educators , such as curriculum development, providing guidance to students, conducting research, improving the quality of written work, and enhancing efficiency and productivity in their work.
- ChatGPT able simulates human interactions and generates human-like text based by responding from natural language inputs.
- ChatGPT's performance varies across different subject domains, ranging from outstanding (e.g., economics) and satisfactory (e.g., programming) to unsatisfactory (e.g., mathematics).

FINDING AND DISCUSSION

- ChatGPT's ease in processing information from text inputs reduces the originality of the work, and make it less creative.
- ChatGPT can serve as an alternative in the Text-Preprocessing dataset for sentiment analysis.
- ChatGPT in education requires respecting privacy, fairness, and non-discrimination, as well as ensuring transparency in its use.
- ChatGPT version 3.0 has proven to produce good articles when researchers provide main ideas for each paragraph and include research data.

CONCLUSION

ChatGPT can accelerate and enhance the effectiveness of learning, benefiting educators, but it must be balanced with meaningful interactions between teachers and students to play a productive role in education. Furthermore, collaborative efforts involving educators, researchers, and government entities are essential to ensure the ethical and responsible use of AI like ChatGPT in education. In regard to the morals and ethics of students, a thoughtful strategy in using ChatGPT is necessary to foster creativity among learners.

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THANK YOU!

