



Can Chat GPT take over as the Teacher's Role in the Classroom? A Basic Analysis

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ABSTRACT :

The study's origin is in an investigation of how technology might change the way students learn in the classroom, particularly in terms of the teacher's role as the primary educator. The swift and constantly evolving advancement of technology has greatly influenced educational institutions globally, including ChatGPT. The potential of ChatGPT to take the position of teachers in the classroom will be thoroughly examined in this study. The nature of this research is qualitative. The process of gathering data involves paying close attention, documenting pertinent information. The study came to the conclusion that, when it comes to employing ChatGPT in the classroom, technology should only be used as a tool, it cannot completely take over the function of the teacher. As a result, it's critical to increase teachers' competency in managing learning with technology and to incorporate technology into the classroom in an appropriate and effective manner.

Keywords: Classroom, Teacher, ChatGPT

Introduction

A desire to investigate how technology functions in the classroom learning process, particularly with regard to the possibility of the teacher no longer serving as the primary instructor, is indicated by the research title, "Can ChatGPT Shift the Role of Teachers in the Classroom: A Fundamental Analysis." Global education systems have been greatly impacted by the quick and constantly evolving development of technology (Ausat, 2023; Kraugusteeliana et al., 2022; Harahap, Sutrisno, et al., 2023).

Technology like ChatGPT, an artificial intelligence system that can react to user input, have altered how humans communicate with technology and created new opportunities for education (Fauzi et al., 2023; Ausat et al., 2023).

But as technology has advanced, teaching has changed, raising significant concerns about the place of teachers in the educational process. Is it possible for technology like ChatGPT to take the position of teachers as the main educators in the classroom? If these technologies can respond to questions just as well, do teachers still have a place in the educational process?

An extensive examination of ChatGPT capacity to take the position of the Instructor in the classroom learning process will be carried out in this study. In order to obtain the best outcomes, the research will examine how ChatGPT can support learning and how the teacher's role can be combined with technology. This study is significant because it will shed light on how technology functions in the educational process and how best to apply it to enhance student learning. It can also offer direction for the creation of fresh technology that will eventually make learning easier.

Research Methodology

This study employs a literature review methodology, meaning that primary data gathering is not done by the researcher through direct field research. To guarantee a flawless study execution, the researcher has taken literature from reference sources. The study's literature was found using keywords associated with the subjects discussed ChatGPT and the role of teachers in digital media and scientific repositories. The authors' approach was adaptable, enabling the selection of pertinent reference materials without placing limitations on particular publications or online resources. Numerous sources, including Research Gate, Elsevier, and the Emerald Insight journal were considered and taken for the present study. This scientific article's central question is whether ChatGPT can take the place of a teacher in the classroom. By emphasizing certain keywords, the writers were able to restrict the scope of their discussion and encourage logical coherence. The focus of the researcher's investigation was on scholarly journals, articles, and publications that have been released since 2022.

Several approaches are applied during the data collection process, including attentive listening and careful documentation of relevant aspects. The data examination procedure, which involved data reduction, data presentation, and conclusion drafting, was made easier by the use of the aforementioned techniques. Gaining a thorough knowledge of the literature review carried out as part of this research study was the primary goal of this analysis. The current phase is the culmination of the qualitative data analysis approach we employed, wherein we verified that the data reduction and presentation outcomes aligned with the analysis's stated goals. In order to create solutions for current issues, the goal of this step is to extract meaning from the gathered data by looking for correlations, similarities, or differences. The sources from which conclusions were drawn are thought to be trustworthy.

Secondary data has been collected for the present study. The aim of this endeavour is to acquire accurate and dependable results, hence promoting comprehension.

Literature Review

It's an intriguing and nuanced subject to wonder if ChatGPT can take the role of instructors in the classroom. It has to do with how artificial intelligence and technology are affecting education. First and foremost, it is crucial to recognize that technology cannot fully replace the job of the teacher in the classroom. According to Tuhuteru et al. (2023), Rukman et al. (2023), Harahap, Suherlan, et al. (2023), Manafe et al. (2023), Raharjo et al. (2023), and Pratyaningtyas et al. (2023), a teacher is a person who can successfully offer instruction and assist students in their learning process. Furthermore, educators serve as mentors and role models for their students (Zen et al., 2023). Nonetheless, ChatGPT's presence in the classroom can be quite beneficial. ChatGPT is an artificial intelligence tool that can produce and process text in a highly advanced manner (Kraugusteeliana et al., 2023). ChatGPT can be utilized in the educational setting to support students' learning and ease the workload of teachers.

Giving students access to excellent and pertinent reading resources is one method ChatGPT can support their learning (Kasneci et al., 2023). ChatGPT's capacity to process natural language allows it to generate texts in language that is both comprehensible and suitable for students' comprehension levels. Instructors can use ChatGPT to produce excellent reading materials that satisfy the requirements of their students. Furthermore, ChatGPT can be used to generate questions automatically and examinations. ChatGPT can generate text and comprehend real language, enabling it to design varied assessments and questions that correspond to students' comprehension levels (Cooper, 2023). Teachers will save time and be able to construct more relevant assessments and questions as a result. Though ChatGPT may help with learning, there are several restrictions that must be taken into account. First off, unlike teachers, ChatGPT is limited to text generation; it is unable to offer real-time clarifications or examples. Second, ChatGPT is limited to using the data that is currently available and is unable to provide a more thorough evaluation of students' skills.

Consequently, ChatGPT can be utilized in the educational setting as an aid in the process of learning rather than as a replacement for the instructor's function. Even as ChatGPT can significantly lessen the workload for teachers, teachers must still be present to offer advice, guidance, and a more thorough evaluation of their students' abilities. All things considered, using ChatGPT in the classroom can significantly help students learn and simplify the teacher's job (Haleem et al., 2022). Nevertheless, technology will never be able to completely replace teachers in their position as mentors and role models. Consequently, rather of taking the place of the instructor in the learning process, ChatGPT can be utilized as an additional tool. Furthermore, an attempt must be made to incorporate technology into education in a way that is suitable and consistent with the educational setting.

Technology may be integrated into learning by taking into account a number of crucial factors, including determining the problem that needs to be solved, selecting technology that aligns with the learning objectives, and creating methods for efficient technology use (Ausat et al., 2023). To manage technology in learning, it is also essential to take into account other factors including the availability of sufficient infrastructure and human resources (Kamar et al., 2022). The involvement of educators is crucial when it comes to incorporating technology into the classroom. In order to effectively integrate technology into the teaching and learning process, educators must possess a thorough awareness of the tools being used (Ausat, 2022). Furthermore, Teachers must also acquire new competencies and skills for overseeing technology-assisted learning. Teachers utilizing ChatGPT must be able to recognize and choose texts that are pertinent to the learning process as well as create efficient ChatGPT usage strategies. Furthermore, educators must possess the capacity to assess pupils' skills accurately and with judgment. In this instance, teachers must receive training and build their competencies in managing technology-assisted learning, including ChatGPT use. This kind of ongoing professional development can be used to keep teachers' technological learning management knowledge and abilities up to date. All things considered, using technology like ChatGPT can significantly enhance learning. But technology can only serve as an aid; it cannot completely take the place of a teacher in the classroom. As a result, it's critical to increase teachers' competency in managing technology-assisted learning as well as to integrate technology into education in an acceptable and effective manner. Hence, the application of Technology has the potential to enhance education and benefit both teachers and students more.

Conclusion

It should be highlighted that while utilizing ChatGPT for educational purposes, technology can only serve as a tool and cannot completely take the place of the teacher. As a result, it's critical to increase instructors' competency in managing technology-assisted learning as well as to integrate technology into the classroom in an appropriate and effective manner. In this instance, instructors' roles in the educational process are still crucial. In order to effectively integrate technology into the teaching and learning process, educators must possess a solid understanding of the tools being employed. Teachers also need to acquire new competences and skills for overseeing technology-assisted learning.

It Is recommended that teachers receive competency development and training in managing technology-assisted learning, including ChatGPT usage. This kind of ongoing professional development can be used to keep teachers' technological learning management knowledge and abilities up to date. To manage technology in learning, it is also vital to take into account other factors including the availability of sufficient infrastructure and human resources. Thus, the utilization of technology can enhance the standard of education and yield more advantages for both educators and learners.

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