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THE EFFECT OF CHATGPT APPLICATION TOWARDS STUDENTS' ABILITY IN WRITING EXPOSITION TEXT AT THE EIGHT GRADE OF SMP NEGERI 37 MEDAN

Abstract

Tujuan dari penelitian ini adalah untuk memperoleh data empiris pengaruh penerapan ChatGPT terhadap blity siswa dalam menulis teks epoksposisi. Penelitian ini dilakukan dengan menggunakan metode kuantitatif eksperimental. Sampel penelitian ini adalah 40 siswa kelas VIII SMP Negeri 37 Medan. Sampel penelitian ini adalah kelas VIII A sebagai kelas eksperimen dan VIII B sebagai kelas kontrol. Di kelas eksperimen, peneliti menggunakan aplikasi ChatGPT sebagai media pengajaran sedangkan di kelas kontrol, peneliti menggunakan metode konvensional dalam proses pembelajaran. Instrumen penelitian ini adalah tes menulis yang dibagi menjadi pre-test dan post-test. Data yang diperoleh dari tes dianalisis dengan menggunakan program SPSS20. Berdasarkan kriteria pengujian hipotesis yaitu apabila hipotesis t-signifikan 2 tailed (p) lebih rendah dari alpha 0,05 maka Ho ditolak dan Ha diterima. Hal ini juga membuktikan bahwa terdapat pengaruh positif penggunaan aplikasi ChatGPT terhadap siswa yang menulis teks eksposisi. Jadi dapat disimpulkan bahwa aplikasi ChatGPT menunjukkan pengaruh yang signifikan terhadap penulisan eksposisi siswa di kelas delapan SMP Negeri 37 Medan.

Kata Kunci: ChatGPT, Teks Eksposisi, Media Pengajaran.

Abstract

The purpose of this study is to obtain the empirical data of the effect of ChatGPT application towards stuents blity in writing epoxosition text . This research was conducted using experimental quantitative method. The sample of the research was 40 student of eight grade at SMP Negeri 37 Medan . The sample of the research are VIII A as the experimental class and VIII B as the control class . In the experimental class , the researcher used ChatGPT application as teaching media while in the control class , the researcher used conventional method in learning process..The instrument of the research was writing test wee divided in to pre-test and post-test. The data obtained from fom the test were analyzed by usin SPSS20 program. Based on the criteria of hypothesis of the test that if hypothesis t-significant 2 tailed (p) was lower than alpha 0,05 then Ho was rejected and Ha was accepted . It also proved that there were positive effect of using ChatGPT application on students writing exposition text. So it can be concluded that is ChatGPT application shows the significant effect on students writing exposition at the eight grade of SMP Negeri 37 Medan.

Keywords: ChatGPT , Exposition Text , Teaching Media.

INTRODUCTION

Language is a speech tool that humans use to communicate, express feelings, and ideas in their minds, and express emotional feelings to the person they are talking to. Of the many languages that exist in this world, English is the international language, which means that English is very widely used by the world's population. English can also be declared a universal language, which means it is the language that unifies the country.

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English is a foreign language used by many students at primary school, secondary school, senior high school to university levels. The activities of the learning and teaching process are to improve the four skills in English lessons, namely listening, speaking, writing, and reading.

Writing is a literacy activity in language that is very important for humans, especially for students. Students can channel ideas in their minds which are expressed in written form which can provide good, precise to share accurate information with other people. A person can communicate with other people and can improve their skills in thinking expressed in written form.

The writing skills that students have to skills that can master problem topics which can then be expressed in writing by using correct words, spelling, and punctuation in good word elements to produce quality writing (Pebrianti, 2016). Student difficulties in writing skills are not as easy as we think. Nowadays, many students find it difficult to write down their ideas to tell about something. Students also find it very difficult to write down their ideas in to quality written form.

Students find it difficult to express emotional feelings in written form as a medium of communication with other people. This is due to the lack of literacy activities carried out in educational institutions such as schools which do not provide complete facilities related to information sources such as the lack of books in the library. Writing skills are difficult lessons in language learning, both in expressing an idea in written form, and the writing process of thinking in expressing ideas in written form in the form of text, discourse, paragraphs, and sentences (Basonggo et al., 2016). Students are also unable to write texts well to retell events or events that have occurred, tell stories about events in the past, providing ideas in the form of essay writing because the vocabulary they master is still small, the grammar is still messy so they are unable to organize good grammar and writing clear paragraphs.

Students found that they spent less time writing. They are more likely to choose to improve speaking, reading, and listening in the English learning process. Therefore, the researcher knows that the most difficult skill in learning English is writing skills. The importance of writing exposition text is introduced to students. This is because writing exposition text is a type of text that explains or explains an amount of information to the reader so that by reading exposition text the reader will gain detailed knowledge of a thing or event. In reality, however, learning to write exposition text in junior high school experiences several difficulties. This can be seen from the results of my observation test.

The results of research tests show that the student's writing skills especially in writing exposition text at SMPN 37 Medan, the total results obtained were 45.45%. It was found that in the students' writing were unable to provide their ideas in writing. This is proven by tests that students are not able to take as well because the students do not know the elements contained in the exposition text.

ChatGPT (Generative Pre-training Transforming) application is an artificial intelligence application by humans who are technology experts, where it is used in a conversation format. ChatGPT is a simple technology like you want to ask the teacher in class, but ChatGPT can answer all your questions in a short time. Users can now not only access it via the website, but users can also access ChatGPT via the Playstore application on Android. ChatGPT is a messaging platform with artificial intelligence or AI (Artificial Intelligence) which is currently famous. This platform was developed by OpenAI made from the country United States of America, especially for students who can use it freely to help in the learning process by using the ChatGPT application to make the learning process more interesting (Gill & Kaur, 2023)

The writer concludes the ChatGPT application is a very important application that teachers can use in the learning and teaching process. That can also provide opportunities for students to make the best use of the technological media contained in their mobile phones. So the writer chose the title "The Effect of ChatGPT Application Towards The Students' Ability In Writing Exposition Text" The students will be motivated to study English well.

METHOD

This research design used experimental quantitative research. The framework or strategy for a study that serves as a direction for data collection and analysis is called a research design. It is a process that is followed to complete a study. The plan for gathering, measuring, and analyzing

data is called the research design. The population of this research was chosen from class VIII students of SMP NEGERI 37 MEDAN for the 2023-2024 academic year consisting of VIII-A, VIII-B, VIII-C, VIII-D, VIII-E, VIII-F. It consists of six classes and a total of 185 students. The purposive sampling technique used 40 students. So 20 VIII-A students are in the experimental class, and VIII-B 20 students are in the control class. research instruments are tools used to measure observed natural and social events (research variables). research instruments are tools used to collect research data or information. This research use pre and post-tests in the experimental class and control class. the collecting of data the researcher used Pre-test, treatment, post-test, and scoring.

FINDINGS AND DISCUSSION

Findings

Student scores in the experimental class and control class are different. The author obtained data so that it can be concluded that the use of the ChatGPT application has a significant effect on students' writing skills, especially in exposition paragraphs. The results of the t-test calculation show that the observation t value is 6.403 higher than 2.109. The ChatGPT is the significant difference between the two classes. The implementation of treatment in the experimental class was better than in the control class.

Discussion

Writing is one part of English language skills. There are four language skills, namely speaking, writing, listening, reading, and writing. Writing helps someone to express himself, explore and describe ideas. Exposition text is text to give the information event and share the arguments from the writer to the reader. Exposition text contains three components, they are thesis, arguments and reaffirmation. This research supports previous research, the first being by Ringan Tamjidi (2023) with title "ChatGPT technology to enhance reading comprehension. This study build son these advance ments to investigate whether the AI-driven chatbot ChatGPT can assist individuals with Attention Deficit Hyperactivity Disorder (ADHD) in better comprehension and recalling written text." The study involved two group participants, one with ADHD and one without, who completed two reading comprehension tests, one with ChatGPT as a learning and the other without. This research used experimental quantitative with two groups, they are control group and experimental group. But In this research, the writer focuses more on the effectiveness of the ChatGPT application in students' writing ability. The second research was conducted by Betharia Pandia Sembiring (2023). This research was created to answer the need for technological developments by using Artificial Intelligence in learning, especially essay writing skills for students through the application of ChatGPT. The subjects of this research were 13 fourth-semester students of the 2023 Muhammadiyah English Language Education Study Program at Parepare University. Researchers used quantitative descriptive methods to compare student learning outcomes before and after being given the 4.0 essay writing learning treatment by giving a pre-test and post-test. After being given treatment, students' writing achievement increased during the post-test. A total of 2 students (15%) were in the very good category, 11 students (85%) were in the good category, then none were in the fair category, and there were also zero bad. This shows that their attention to improving their writing has occurred. The study concluded that the application of ChatGPT to essay writing skills in English classes for high-level students is applicable and brings significant benefits. However, in this research, the focus is more on writing skills in writing expository texts and quantitative experiments for research design.

The third research was conducted by Betharia Pandia Sembiring (2023) with the research title "Students Awareness Of The Use Of ChatGPT In Learning To Read And Write " This research was conducted using a qualitative descriptive design. Creswell (2012:16) states that qualitative research explores the problem and provides a detailed understanding of the central phenomenon. Based on this understanding, this research is intended to describe students' awareness of the use of ChatGPT in learning to read and write. There were 153 English Language Education Department students, consisting of 86 fifth-semester students and 67 third-semester students at Medan State University, taken as subjects or samples for this research. An open questionnaire with 15 items was given to students. In-depth interviews were conducted to gain further understanding of the data analyzed. Mile, Huberman, and Saldana's (2014) data

analysis model was used to analyze the data. However, this research only focuses on one skill, namely students' writing skills. This research uses quantitative experiments with pretest and post-tests with data collection using SPSS 2023.

In this study, the researcher found that the difference between the results of the experimental class and the control class was significant. Clear from the data. The results showed that the average value of the experimental class was 77 and the average value of the control class was 64, t -table is 2.101 and t -observed is 7.11. This shows that the alternative hypothesis (H_a) has been accepted and the null hypothesis (H_0) has been rejected. It can be stated that the image ChatGPT application has a significant effect on improving student's writing skills in making exposition paragraphs. In the experimental class, students were taught in the conventional way in the control class. It means give ChatGPT application can significantly affect into student's ability to write exposition paragraphs

CONCLUSION

Based on the research results, the researcher can conclude that the average score of students who were taught using the ChatGPT application was 81.05 which was significantly higher than the average score of students who were not taught using the ChatGPT application was 79.65, t -observed 6.403 is higher than 2.101 t -table at a significance level of 0.05. It can be stated that the use of ChatGPT application has a considerable or significant impact on students' writing abilities in exposition paragraphs. ChatGPT applications are real objects that can be presented in the classroom or for the learning process. This can be used to assist in affecting students' writing skills by applying procedures based on this method to ensure students understand, based on the feelings and experiences of the writer. ChatGPT application has a significant effect on students' writing abilities in exposition paragraphs at SMP Negeri 37 Medan academic year 2023/2024.

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