

The Effectiveness of Teaching English Vocabulary Using Dictionary Online Media in STTR Cepu in Academic Year of 2020-2021

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Diterima : 28-06-2021

Direview : 10-07-2021

Diterbitkan : 12-07-2021

Intisari

Pandemi Covid-19 selain memberikan pengalaman buruk tetapi juga sebaliknya bisa menjadikan seseorang tertantang dan termotivasi untuk mengembangkan pembelajaran khususnya di perkuliahan Bahasa Inggris Teknik. Pada awalnya pembelajaran dilaksanakan secara tatap muka, waktu ini dilaksanakan dengan daring. Kosakata merupakan pengetahuan dasar dan penting dalam menguasai Bahasa Inggris. Salah satu strategi pembelajaran vocabulary pada masa pandemic adalah melalui media online. Penelitian ini dilaksanakan agar mengetahui efektifitas pembelajaran vocabulary dengan menggunakan dictionary online pada Mahasiswa Teknik Mesin STTR Cepu. Penelitian ini menggunakan pendekatan deskriptif. Terdapat 30 mahasiswa sebagai responden. Berdasarkan hasil kuesioner dan dokumentasi sangat setuju sebesar 43.3%, setuju sebesar 46.7% sisanya mengatakan tidak setuju dan sangat tidak setuju. Sehingga bisa disimpulkan kurang efektifitas pembelajaran vocabulary menggunakan online dictionary pada mahasiswa teknik mesin STTR Cepu.

Kata Kunci : Kosakata, kamus online, Metode, Pengajaran.

Abstract

The Covid-19 pandemic, apart from providing a bad experience, can also make someone challenged and offer to develop learning but in Engineering English lectures. At first the learning was carried out face-to-face, this time it was carried out boldly. Vocabulary is a basic and important knowledge in Mastering English. One of the vocabulary learning strategies during the pandemic is through online media. This research was conducted in order to determine the effectiveness of vocabulary learning by using an online dictionary for Mechanical Engineering Students STTR Cepu. This study used a descriptive approach. There are 30 students as respondents. Based on the questionnaire and strongly agree by 43.3%, agree by 46.7% say disagree and strongly agree. So that it can be said that the effectiveness of learning vocabulary using online dictionaries is weak in mechanical engineering students at STTR Cepu.

Keywords : Vocabulary, Online Dictionary, Method, Teaching

1. Introduction

The Covid-19 pandemic that has hit all countries has made education implement innovations in learning and lectures. Universities are required to be able to continue to hold lectures in the midst of a crisis. Online classes are one of the activities to reduce the intensity of lecturers' meetings with students.

Various kinds of online classes are carried out by universities with varied methods but still in accordance with learning outcomes that are in accordance with the course. Starting from the zoom class, google meet, and in the LMS (Learning Management System) model. Almost every lecture in university used an online system in the implementation of lectures. Mechanical Engineering program in STTR Cepu is one of those that runs a learning system with an online system, after in semester 2 of the 2020-2021 school year it has implemented a hybrid online and face-to-face lecture system.

STTR Cepu technical English is one of the courses that utilizes an online system using schoology.com for lectures

during the COVID-19 pandemic. During the lectures, several obstacles were encountered in the implementation of the lectures.

As for some of the obstacles faced, among others: Constraints faced by students in the online learning process are fundamental obstacles that must be faced, including obstacles in the field of internet networks, limited features of online learning applications, and obstacles in terms of learning services. These constraints should be a concern in preparing and implementing online learning (Hutauruk, 2020).

Engineering English courses are considered effective when they apply four aspects, including: speaking, reading, listening, and writing. However, learning to cover these 4 aspects is vocabulary learning. Vocabulary learning is an element that is considered important in mastering English.

According to Cahyono and Widiati, the importance of vocabulary has become a real thing not only in teaching and learning foreign languages in a wider context in the world,

but also in the context of learning English as a foreign language in Indonesia (Cahyono, 2011).

In a similar study on the effectiveness of learning vocabularies using the repetition method by Gunawan, H. That the repetition method can increase English vocabulary accompanied by an increase in sentence making (Gunawan, 2022).

In this method it is not effective if it is carried out with online English learning activities. Therefore, vocabulary learning is delivered using a more effective method according to the character of online teaching. So that students don't get bored quickly, such as writing a vocabulary list in a book or listening to a lecturer's explanation. So it is important that vocabulary learning is carried out more interestingly online.

This is due to the importance of mastering vocabulary, especially when communicating well, so that students master the maximum amount of vocabulary. Online media, according to Weller, should be seen as a very important educational technology. One of the advantages of using the internet is to promote active learning where students are not passive recipients of knowledge. Students are involved in a more active learning process. This is a way of exposing students to the culture of computer and internet technology (Weller, 2002).

After seeing some of the obstacles to online learning that was carried out during the pandemic, one of the obstacles was the learning application feature. Therefore, from these obstacles, the author was challenged to make English learning through online with an English vocabulary search website feature that was in accordance with the mechanical engineering study program called <http://www.visualdictionaryonline.com/>.

Online media is a form of telecommunication and multimedia-based media (computer and internet) whose contents consist of text, images, audio and video. Through online media, it is hoped that it can motivate students to learn English better, especially vocabulary learning. They can use online media on the internet as a means of learning English.

The purpose of this study was to determine whether vocabulary learning activities with <http://www.visualdictionaryonline.com/> in the Mechanical Engineering study program STTR Cepu were effective with online classes during this covid-19 pandemic.

2. Theoretical Review

2.1. Definition of Teaching

Teaching is not an easy job because it requires a big responsibility and enough capability. As the teacher, the teaching ability is the first thing because the achievement in teaching and learning process depends on him/her.

Based on (Calhoun, 1999), "Teaching and learning English is, at its richest, an energising, purposeful and imaginatively, vital experience for all involved, developing youngsters' competence, confidence and creativity as well as building positive attitudes to learning." Teaching and learning English must be imaginative, purposeful, energizing and also the teacher has to create a competence, confidence, creativity as well as a building positive attitude of the learners to learn English.

A statement from (Cameron, 2011) states: "Teaching and learning are not two sides of the same coin, but are essentially different activities, although they both take place in the public arena of the classroom." Teaching and learning are different. In teaching, the teachers transfer knowledge to the students and as the students receive the knowledge of the teachers.

Concerning to a definition of teaching, there is also another argument. (Mangal, 2009) argues: "Teaching is a quite serious task or activity undertaken by the teachers to produce desirable changes in their students." Teaching is an activity which is undertaken by the teachers to give the changes for the students.

So, there is a conclusion about the definitions of teaching above, teaching is giving or transferring the knowledge to the learner in order to gain and acquire a capability to understand and also comprehend of a certain material. The setting and manage of the place where the learning activity occurs should be arranged well and also the teacher itself must be creative and innovative to create an impressive result of the students.

2.2. Definition of Vocabulary

(Calhoun, 1999) argues: "The PWIM is an inquiry-oriented language arts strategy that uses pictures containing familiar objects and actions to elicit words from children's listening and speaking vocabularies." PWIM stands for Picture Words Inductive Model. It is a kind of strategy to teach children through pictures and the pupils will elicit new words from that picture, especially vocabulary and also listening. A definition of vocabulary comes from (Harris, 2011) who argues: "Standardized tests in first grade gauge a child's ability to either name objects (expressive pictures vocabulary) or recognize objects (receptive picture vocabulary) that he sees in pictures." In standardized tests there has a fact. The fact is children more easily understand and recognize to guess or answer a vocabulary question through picture Based on the statement from (Watch, 2003) "Vocabulary is the collection of words that you hear throughout your life. Your own vocabulary will never stop growing. The larger your vocabulary is, the more you will understand what you hear and read. Your writing and speaking will improve, too." Vocabulary is a group of collecting words. If the learners want to enlarge more vocabulary, they have to read and hear about new words frequently. Learning vocabulary also will increase the skill of writing and speaking. So, from those elaborations above, vocabulary is one of the language aspects which should be learnt. Learning vocabulary is important because the learners are able to speak, write, and listen in order to know the meaning of each vocabulary.

2.3. Definition of Online Media

Online learning is a learning system that is carried out not face to face, but uses a platform that can help the teaching and learning process that is carried out even though it is distanced (Sofyana & Abdul, 2019: 82). The purpose of online learning is to provide quality learning services in a massive and open network to reach more and more enthusiasts of learning space.

There are 3 kinds of online media. They are: 1) e-learning method, namely an electronic-based learning process. One of the media used is a computer network. E-Learning is also defined as distance learning that uses computer technology or

usually called the internet, 2) Mobile Learning, is a learning media that utilizes cell phone technology. The presence of mobile learning is intended as a complement to learning and provides opportunities for students to learn material that is less mastered anywhere and anytime, and 3) Quantum Learning Methods, namely tips, strategy instructions and the entire learning process that can sharpen understanding and memory and make learning a fun and rewarding process. Quantum Learning is a learning that has the main mission to design a fun learning process that is tailored to the level of student development.

3. Methodology

This research approach uses descriptive qualitative with mechanical engineering student respondents STTR Cepu as the direct data source. The research was conducted by distributing structured questionnaires aimed at digging up information about the effectiveness of English lectures on vocabulary material faced by students during online learning using <http://www.visualdictionaryonline.com/> during the COVID-19 pandemic and documenting student work at the time. online lectures. While the data analysis method used is descriptive percentage analysis. This method is used to examine the variables that exist in the study. This descriptive percentage is processed by dividing the frequency by the number of respondents multiplied by 100 percent, as stated by (Sudjana, 2010) as follows:

$$P = \frac{-f}{N} \times 100\%$$

Major data (student test results) will be analyzed using statistical calculation t-test formula using SPSS version 19.0. Meanwhile, minor data (the results of questionnaires and documentation) will be analyzed to strengthen the results of major data.

4. Result and Discussion

The results of the questionnaire showed that almost all of the respondents' answers met the targets and positive expectations of this research. This can be seen from the response to question number 1. I rarely experience obstacles/difficulties in using online media in vocabulary courses. 63.3% said they agreed, and only 6.6% of respondents said they did not agree. From the results of this response, it is known that students who have difficulty using online media in vocabulary class are much less than students who agree. Questionnaire on no.3 also received a very good response from the respondents. The question about whether online media is the best learning tool/tool that can be applied to vocabulary courses received 43.3% strongly agree responses, 46.7% agree and the rest said they were hesitant and disagreed. In terms of understanding the material, respondents also gave a positive response. 50% of the total respondents said they agreed if they understood the material presented in the vocabulary course using online media.

This means that the use of online media in vocabulary class gets a positive response from a number of students. A very good response was also obtained from the question 'In my opinion, lectures using online media can improve English vocabulary'. The results can be seen in table 1.

Table 1 Percentage of Student Responses in Using Online Dictionary on English Vocabulary Materials

Statement	Item	Percentage (%)				Total (%)
		SS	S	TS	ST S	
<i>Saya jarang sekali mengalami hambatan/kesulitan dalam menggunakan media online pada mata kuliah vocabulary.</i>	1	3.3	63.3	26.7	6.7	100
<i>Saya merasa mudah mengaplikasikan media online pada mata kuliah vocabulary.</i>	3	0	63.3	36.7	0	100
<i>Saya merasa media online merupakan alat / sarana belajar yang paling bagus yang dapat diterapkan pada mata kuliah vocabulary</i>	4	43.3	46.7	6.7	3.3	100
<i>Saya yakin bahwa pembelajaran menggunakan media online pada mata kuliah vocabulary dapat meningkatkan kemampuan kosakata saya</i>	5	33.3	56.7	6.7	3.3	100
<i>Saya dapat memahami materi yang disampaikan pada mata kuliah vocabulary dengan menggunakan media online</i>	6	43.3	50	6.7	0	100
<i>Pemateri dapat menyampaikan materi vocabulary</i>	9	36.7	56.7	6.7	0	100

dengan baik dalam menggunakan media online						
Saya mendapatkan input yang sangat baik selama perkuliahan vocabulary menggunakan media online	2	13,3	70	16,7	7	100
Saya akan menggunakan materi yang telah disampaikan dengan media online di mata kuliah vocabulary sebagai sarana belajar.	10	16,7	70	10	3,3	100
Saya akan mengajak teman-teman yang lain untuk menggunakan media online sebagai sarana belajar vocabulary bahasa Inggris.	7	10	66,7	23,3	0	100
Menurut saya, perkuliahan dengan menggunakan media online dapat meningkatkan kosakata bahasa Inggris.	8	26,7	70	0	3,3	100

Based on the variety of answers from respondents in the questionnaire, it can be concluded that almost all respondents like online media in vocabulary class. It is hoped that further lectures can be carried out using these media. So that it can motivate students to learn and can increase knowledge of new vocabulary in English audio and visually.

Examples of new vocabulary accessed on the following pages: <http://www.visualdictionaryonline.com/>

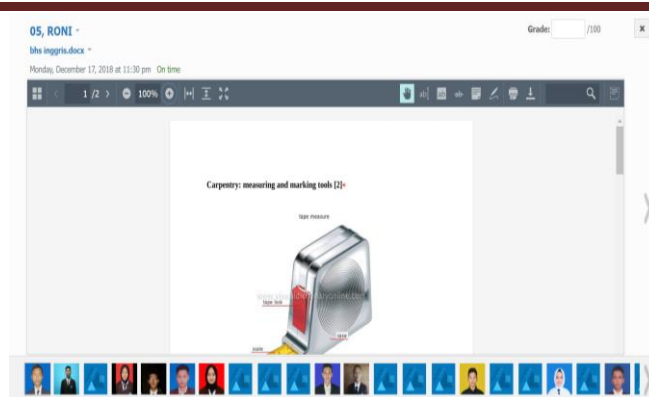


Figure 1 Students' Vocabulary Task

This research is a study that uses online media which requires a good and smooth internet connection network so that the main goal of this research is to improve students' English vocabulary skills. However, in reality on the ground that the internet connection network is not smooth enough makes PBM in class unable to run properly and is hampered. In addition, the research team could not control the existing classes effectively and efficiently. The implementation of treatment cannot be carried out in accordance with the agreed schedule that has been submitted at the beginning before the implementation of the study. And the facilities and infrastructure used and provided cannot fully support the implementation of this research to run well.

5. Conclusion

Many positive responses were given by respondents through questionnaires so that this media could be applied to the next lecture or to other subjects. The use of online media can be suggested to be one of the media that can be applied to improve the ability of other students not only vocabulary. Students as active learners are expected to explore their other potentials by using online media as a learning tool. However, based on the results and discussion, it shows that it is not effective in implementing vocabulary learning using an online dictionary in the mechanical engineering department of STTR Cepu.

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