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Technology Becomes a Learning Problem During the Covid-19 Pandemic

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ABSTRACT
The most fundamental difference between the 2013 curriculum and the previous curriculum is the emphasis During the Covid-19 pandemic, many problems arose, one of which was in the world of education. Learning that should be carried out face-to-face, so during the pandemic period, learning in schools must be carried out online. The purpose of this research is to look at the problems that arise in the use of technology, especially among students of Indonesian Language and Literature Education FKIP Bung Hatta University as an effort to suppress the spread of covid-19 in universities. The research subjects were students of the Indonesian Language and Literature Education Study Program, FKIP Bung Hatta University, Padang. Data were collected by interview via zoom cloud meeting. The method used in this research is descriptive analysis. The results show that: (1) some students find it difficult with distance learning because it is constrained by the network (2) online learning requires a very large data quota so it requires a large amount of money (3) learning that is carried out online makes it difficult for students to receive material lectures.

Keywords: Technology, learning problem, online learning, Covid-19, social distancing

1. INTRODUCTION

The world today is faced with a plague that is devastating and even causes death. Coronaviruses are a large family of viruses that cause disease and can cause death. With this virus, all human elements feel tired of all this. There are many obstacles and impacts caused by this deadly virus, one of which is the impact on the world of education. On March 24, 2020, the Minister of Education and Culture of the Republic of Indonesia issued Circular Letter Number 4 of 2020 concerning Implementation of Education Policies in an Emergency for the Spread of COVID, in this Circular Letter. It is explained that the learning process is carried out at home through online or distance learning which is implemented to provide meaningful learning experiences for students. Learning at home can be focused on life skills education, among others, regarding the Covid-19 pandemic. This learning is carried out with various applications or strategies used by educators in providing material to students or students.With online learning, technology is one of the tools used in situations like this. Technology has become a potential in various fields, especially in the field of education, so it must be accepted positively and adaptively in facing this pandemic [1]. The use of technology in the world of education has become a very important plan and is often discussed in various activities [2]. The existence of technology in the world of education is a means that must be considered and can be used as a medium for delivering learning programs either unidirectional and interactive [3] the learning process is no longer limited by the classroom

alone, besides that the use of technology has led to distance learning and encourages greater innovation in creating teaching methods inside and outside class [4].

Online learning is one of the innovations in education that involves elements of information technology in learning. According to [5] that online learning is a distance education system with various strategies or learning steps carried out using the internet network, that the use of online learning involves elements of technology as a means and internet networks as a system. In essence, online learning has been carried out long ago especially during the current pandemic, online learning is one of the most effective things in a pandemic.

The use of technology in the world of education has become a very important plan and is often discussed in various activities, the existence of technology for the world of education is a means that must be considered and can be used as a medium for delivering learning programs either directionally or interactively (the learning process is no longer limited by space. classroom alone besides the use of technology has given rise to distance learning and encouraged greater innovation in creating teaching methods inside and outside the classroom [6] .

One of the people who have felt the impact of studying online is the Bung Hatta University student of Indonesian language and literature education. They conduct lectures online from their own homes and PCs. There are so many obstacles they feel when studying online in a situation like this. Technology becomes an obstacle in learning that is carried out online, many of

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them have difficulty when lectures are carried out online. They have complained a lot with various factors including lack of network and constrained data packages

The purpose of this study was to obtain information about the impact of COVID-19 on Indonesian Language and Literature education students, Bung Hatta University, Padang. What are the impacts felt by these students with lectures being conducted online and whether online learning is effective?

2. METHOD

This research is a qualitative research with a descriptive analysis method. This study is an analysis that aims to describe the main content based on the collection of information obtained [7]. The data in this study were taken from the results of interviews conducted with Indonesian language and literature education students who studied online. The data collection technique used in this study was to conduct online interviews with Indonesian language and literature education students at Bung Hatta University. Data analysis carried out in this study was to collect information from Indonesian language and literature education students. Then conclude the results obtained from the interview.

3. RESULT AND DISCUSSION

From the results of the research conducted, there were three problems or obstacles in the use of technology during learning during the Covid pandemic

3.1. Students have difficulty with distance learning because of network constraints

Research conducted by Dewi, Putri stated that in distance or online learning, students have difficulties in networking or inadequate internet signals, due to learning during the pandemic period. The thing that must be needed besides gadgets is a network. Signal is one of the factors that influence learning during a pandemic. Another difficulty is that not all student residences are accessible by the internet. [11,12,13]. Online learning is mostly carried out using the WhatsApp application. Lecturers use this application to share learning materials and assignments to students, then students will send the assignments they have completed through the course group or to the email of the lecturer concerned. Some of the challenges and obstacles experienced by students in online learning. The challenge related to students is the network or technology that is limited by students. Online classes in COVID time are costly. There are several things to consider for better teaching in the online classroom learning process. Recorded videos can help with learning if the internet connection is delayed.Furthermore, the challenge of online learning is the availability of internet services. Some students access the internet using cellular services, and a small proportion use WiFi services. When the online learning policy is implemented at Bung Hatta University, students return home. They experience cellular signal difficulties when in their respective areas, even if there is a signal they get is very weak. This is a challenge

in itself in the application of online learning at Bung Hatta University. Online learning has weaknesses when internet services are weak, and lecturer instructions are poorly understood by students

3.2. Students need a lot of data packages and costs for learning during a pandemic

In the current pandemic, all elements of education carry out online learning. They need a lot of data and costs in accessing all the assignments given by the teacher or lecturer concerned. The use of smartphones and laptops in online learning can improve student learning outcomes. There are many advantages of using information and communication technology in implementing online learning. between them is not bound by time and space. Many studies have been conducted that examine the use of devices and laptops in learning. The ability of devices and laptops to access the internet helps students to take part in online learning. The use of online learning using zoom cloud meetings has the advantage of being able to interact directly between students and lecturers as well as teaching materials but it has the weakness of being wasteful and less effective if there are more than 20 participants. Another challenge faced is the constraint in financing online learning. Students revealed that to take part in online learning, they had to pay quite a fortune to buy internet data quota. According to them, learning in the form of video conferencing has consumed a lot of data quota, while online discussions via instant messaging applications do not require much quota. On average, students spend Rp. 100,000 to Rp. 200,000 per week, depending on the cellular provider used. The use of online learning using video conferencing is quite expensive. [14]

3.3 The difficulty that is felt is the difficulty in receiving learning material.

With the implementation of online learning carried out by Bung Hatta University students in the Indonesian Language Study Program, they have difficulty understanding the material presented by the lecturers because learning is carried out online. Apart from not understanding the lecture material, they also had difficulty accessing all the material provided by the lecturer.

Online learning carried out in the Indonesian Language and Literature Study Program, FKIP Bung Hatta University, Padang in an effort to break the chain of the spread of Covid-19 using learning applications that can be accessed via the internet network. Overall, students are satisfied with flexible learning. With online learning, students are not constrained by time and place where they can attend lectures from their own homes or from anywhere. With online learning, lecturers provide lectures through virtual classes that can be accessed anywhere and anytime, regardless of time and space. [15,16]. This condition allows students to freely choose which courses to take and which assignments to do first. Research by Sun et al., (2008) informs that the flexibility of time, learning

methods, and place in online learning has an effect on student satisfaction with learning.Because, choosing the right learning media and in accordance with the conditions and situations as well as with the learning material, the learning objectives will be maximally achieved.

3.4 *Discussion*

From the results of the research conducted, there were three problems or obstacles in the use of technology during learning during the Covid pandemic. Students have trouble networking, research conducted by Dewi, Putri stated that in distance or online learning, students have difficulties in networking or inadequate internet signals, due to learning during the pandemic period. The thing that must be needed besides gadgets is a network. Signal is one of the factors that influence learning during a pandemic. Another difficulty is that not all student residences are accessible by the internet. [6,7,8]. Students need money, another challenge faced is the constraint in financing online learning. Students revealed that to take part in online learning, they had to pay quite a fortune to buy internet data quota. According to them, learning in the form of video conferencing has consumed a lot of data quota, while online discussions via instant messaging applications do not require much quota. On average, students spend Rp. 100,000 to Rp. 200,000 per week, depending on the cellular provider used. The use of online learning using video conferencing is quite expensive [9]. Difficulty accepting subject matter, with the implementation of online learning carried out by Bung Hatta University students in the Indonesian Language Study Program, they have difficulty understanding the material presented by the lecturers because learning is carried out online. Apart from not understanding the lecture material, they also had difficulty accessing all the material provided by the lecturer.direction is the only way out so that the education process continues even in the midst of the Covid-19 pandemic. [10]. This condition allows students to freely choose which courses to take and which assignments to do first. that the flexibility of time, learning methods, and places in online learning has an effect on student satisfaction with learning [11].

Other papers are organized as follows. Part 1 is presented an introduction which contains an introduction to the topic to be discussed. This section provides a brief, concise, and clear explanation of each topic that will be discussed in this research. It also includes how this paper contributes to readers and the world of education. The last section also includes an outline of the paper as a guide for ease of reading. In the content section of the paper discusses a more detailed explanation of the topics previously described in the introduction. Apart from discussing technology which is a major factor in distance learning during the Covid-19 epidemic. This study uses the interview method and analysis description which aims to describe the main content based on the information collected. This paper provides an understanding of the effects felt by students related to the distance learning process due to the Covid-19 pandemic, especially in the use of technology. The influence of technology caused by the distance learning process discussed in this paper is seen from the point of view of Indonesian language and literature education students who feel very difficult in distance learning and the various factors caused during the Covid-19 pandemic.

4. CONCLUSION

From the research conducted on students of the Indonesian Language and Literature education study program which was carried out by means of interviews conducted in zoom. It was found that there were several difficulties experienced by students of Indonesian language and literature education in online learning, including first, students found it difficult to get a network or signal, students who live in areas that do not have a network will have difficulty in learning carried out remotely. Because not all locations where they live are covered by signals. Second, students need data or a lot of money to buy data packages to study online, this is an obstacle because not all student economies are adequate, during the Covid-19 pandemic, students objected to paying large fees to buy data packages. Third, students do not understand the material presented by the lecturers in online learning. as a result, online learning is not effective and conducive.

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