

THE EFFECT OF E-LEARNING TOWARD STUDENTS LEARNING INTEREST AT PANDEMIC COVID'19 ERA IN RURAL AREA

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Abstract

Tehnology has played as a significant role in teaching and learning. As an aspect of technology, E-learning has been believed to be an effective learning media of higher educational in institution. Pandemic Covid'19 is really having huge impact for people around the world unexpected in educational field. In this era, the activity of teaching and learning process was changed to be an online term. Thus, the objective of this research is to explore the effect of E learning toward students learning interest in Covid'19 era especially in rural area. The researcher conducted in Akademi Kebidanan Wahana Husada Bandar Jaya Central Lampung. The population of this research is the students in AKBID Wahana Husada Bandar Jaya at the first semester in academic year 2020/2021. The data collecting technique is using questionnaire, and to analysis the data, the researcher used T-test. The finding of this research, the students more interest to join the class meeting by E-learning. It saw by their result in fulfill the questionnaire. The result showed that E learning is having positive effect toward students learning interest in Covid'19 era. The students felt enjoy with this kind of learning.

Keywords: E-learning; Learning interest

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INTRODUCTION

The current trends in education confirm that used of internet in every feature of life is really help people to connect with others, especially in pandemic covid'19(Shahzad et al., 2021). Said that, the worldwide closed and lock down because of pandemic covid'19. All of teacher and students are happy because they have to use internet to continue the education as a solution. They start to get the online instruction to deliver the process of learning for the students. Nowadays, it settles that instructions are shifting away from communicating and non-interactive method that includes the use of technology. The practice of e-learning platform has grown as the education industry move toward virtual or remote education in Indonesia. It has become the solution to every problem of human faces in learning

process. In education, the relation between e learning is really closed, especially in this digital era. It should follow because of world development.

According to (Ngwu, 2015) the use of E-learning in teaching is becoming increasingly vital owing to the global network of the twenty first century teaching and learning. It means that the used of E learning is really important for the development of education field. Furthermore, (Onyema, 2020) states that the integrations of emerging technologies in teaching and learning activity is no longer a choice but a need due to: the changing of learning surrounding, it needs to enhance creativity and productivity. On the other hand, (Król, 2016) adds e-learning is an innovative method of education, but it should be introduced gradually to help students and teacher adapts it properly. The used of e-learning facilitated the learning process, thus everyone can learn every time and everywhere. Teaching and learning process is an important phase for educators to develop the student's knowledge. Technology has played as main factor during the pandemic, since the class start to online. (Suhartini, 2010) said that using information of technology is really help the human to increase their productivity and prosperity, to solve the problem, expecting some option how to solve the problem and applying it correctly. This pandemic, the world education is changing the characteristics by the traditional ways such as using white board and chalk method of instruction move into technology. It pushed education method and tools in e-learning, for thus teacher who did not advance with this method should learn in order to deliver the material for the student effectively.

In the learning process, teaching interest convert the most crucial factors both students and teachers. Once the students have no interest in the material given or the term of learning, it will remain the problem for the teacher and next generation. (Maguil & Ismawan Prasetya Devi, 2020) describe students learning interest as the effect from the teacher way in teaching and it can tend to online term. Whereas this pandemic, the students are asked to learn by the online learning as mandatory. Since the virus is hazardous for human, this condition pushed the teacher and learner to learn by online way. There are many online platform digitals who can used by the teacher such as, Google meeting, zoom

meeting, WhatsApp application, facebook or other way who can support the online learning. In the city or urban area, it is not to be a big problem because most of students over there were popular with the online learning term and for them using internet as their routine. According to (Onyema et al., 2020) e-learning may not address the challenges of learners who experience difficulties in certain areas, and would require more guidance or attention from the teacher. E-learning is solely dependent on technology, which means that any disruptions in the technology particularly the internet have adverse effect on the user. Students who lived in the remote area will face the biggest problem. Most all of them are having no smart phone, moreover, it is difficult to get any signal of internet, and had no understanding in using the learning applications. Thus, many obstacles that should they face in online learning term.

E-learning facilitates the education during unplanned school closer or pandemics.(Resdasari Prasetyo et al., 2021) elaborate in their research, the students showed the significant positive response to the integrative eLearning because most of the students are the part of Z generation (born between the mid and late nineties and early of 2010s) who able to adapt faster with the use of eLearning. E-learning provides chance for students to develop various new skills and arrange their learning interest. This platform helps virtual classes in rural area during the lockdown. E-learning has the same tool to offline class, it provides video, image, text, and PDF file where students can take a part, take note, perform exercise and engage discussion, and complete the test in online platform. Furthermore, (Resdasari Prasetyo et al., 2021) explains application of e Learning, both of the students and teacher are easily to access the learning recourse because it saved in eLearning. Thus it can be said that eLearning is help the teacher and students to share the material and other information related to transferring the knowledge for the students.

Based on the preliminary observation, the problem arose from the preliminary research. The problems are not all of teacher understands well about how to use the internet and used the applications of online learning, and most all of students is having less of interest in learning process. The researcher hope that

the implementation of this learning form can be used to increase the students learning interest, although the word have to face the huge problem such pandemic covid'19. From thus problem, the researcher wants to know whether the effect of using E learning toward students learning interest in pandemic of covid'19 especially the application in rural area.

METHOD

Methodology research in this study conducted in AKBID Wahana Husada Bandar Jaya Central Lampung. The population of this research is all of the students in AKBID Wahana Husada Bandar Jaya Central Lampung. The sample of this research is used the students of English educational department program at the first semester of academic year 2020/2021 in AKBID Wahana Husada Bandar Jaya Central Lampung. There are 26 students were involving as the participant.

The data collecting technique in this research used questionnaire. The questionnaire consists of thirty questions. The questionnaire is using Likert scale. There are 5 choices to answer the question. They are (1) strongly disagree (2) disagree (3) not sure (4) agree (5) strongly agree. In the questionnaire the students should read carefully about the question, because there are positive and negative question. Then the result of the questionnaire will calculate in data analysis to see whether any effect between E learning toward students learning interest in pandemic covid'19 era or not.

This research is using quantitative research. It attempted to analyze the effectiveness of one variable toward another variable. In this case the researcher used T-test to analyze the data. It used to see whether there is the effect of using E learning at the students learning interest.

RESULT AND DISCUSSION

E-learning is kind of teaching and learning which is conducted in an online media use internet, tool or device technological platforms. This in effect will expose and nurture inherent potentials among students to create sustainable livelihood using E-learning skills they have acquired. Interest in learning can be as

personal preference with regards to learning, which sometimes means an individual chooses one thing rather than the other things and sometimes choosing positive things.

(Konwar, 2017) E-learning refers to the application of using electronic assets in teaching learning process which includes web- based learning, computer-based learning, virtual classroom and digital collaboration. Sabah, N.M. (2013:1). E-learning makes the process of learning interactive and collaborative by linking each learner with physically apart experts, time and location flexible, time and cost effective for students. E-learning develops new educational methods that increase the educational effectiveness and learning opportunities, where knowledge is stored at a Web page and can be updated and maintained regularly. From the student point of view, e-learning is a form of education that implies involvement, motivation and communication efficiency.

In the covid'19 era, e-learning become the needed tools that used in teaching and learning process.(Sathishkumar et al., 2020) mention that e-learning as the famous among the students especially in the lock down when the covid19 appear. It also gives impact to the students' performance. It means that most all of education move to used e-learning as the media for their teaching. According to (Resdasari Prasetyo et al., 2021) the use of eLearning has many advantages such as shorten time for learning, facilitate the interaction between the teacher and the students, the students can share the information and access the material every time they want to learn the material and the last, they can support their learning mastery.

Applying eLearning was being a challenge for the teacher and the lecturer around the world. According to (Aini et al., 2020) there are challenge that face by the students and lecturer when they are applying e-learning in pandemic covid'19. The challenge that faced by the students are they have no known the type of technology that used in learning, self-regulation such as lack of knowledge about how to use the information and communication technology, low motivation to joining the learning process, the connectivity of internet and support issue of e-learning. While the challenge that face by the lecturer in applying e-learning are

vulnerable about the competency and operate the material in e learning such as lack of joining teaching training. Moreover, (Ayu, 2020) said that there is advantage and disadvantage of implementing e-learning. The advantages of using e-learning such as it makes the students easier to obtain the material more clearly because the students can download the material that related with their grade and the use of soft file material make the students easy to access. While the disadvantage of using e-learning is this learning type makes the students slow to finish their task because it is not directly monitored by the teacher. A good preparation will come to be a good result, before start the online teaching the teacher have to arrange more than one planning so the activity could run well. According to (Nuraisyah et al., 2021) educational directed by the person with or without determinedly, either with or without planning, it is an exertion to make sure a good and effective from the learning process to educate the pupils in emerging their potentials.

E learning in this covid'19 era is scheduling flexibility and time saving. There is strong correction between students learning interest in e learning.(Natalia, 2018) Interest is often called the "interest". Interest can be classified as properties or attitude that has certain tendencies. Interest is an important thing in one's activity in the daily life, including in the field of education. People's interest will be shown in their activity to gain their purpose. Learning interest is like a vital way for the students' learning activity and it has a huge impact for their attitude and behavior. Students who have much interest in learning will be active to join the class instruction by the teacher. (Wahyuni & Lampung, 2020) from the explanation by experts above, we can get some points that Interest in learning is an important way to students' activity in learning and have a great influence to the students' behavior and their attitudes. Interest in learning English is an important thing to the students. The students will be active in following the subject that each by teacher. Thus, the main focus of this research is the researcher wants to know whether the use of vocabulary games in students' vocabulary mastery at different level of learning interest.

(Thakkar et al., 2017) Teachers are playing key role in educational settings and their perception about E-learning affects students' attitude towards E-learning. Through e-learning system, both student and teacher will have good interaction and communication during the class meeting. Technology is believed can improve respond and complain of the material needs. The result is presented easier method to do maintenance in learning activity.(Vershitskaya et al., 2020) said about the prospect and challenge in applying e-learning. It such the modern management which appearances some problems such as insufficient of ICT and infrastructure in using e-learning, limits of financial, lack of cheap and suitable internet platform, absence of the operational of e-learning policy and the last is lack of internet content. In line with previous statement, that the use of technology makes the students more involved in learning activity and the class atmosphere become more fun so that they will have good learning experience.

After the researcher applying eLearning in the teaching process, the teacher asked the collegians to fulfill the questionnaire. From the data that the researcher got from the questionnaire, here are the data that measure used Microsoft excel to see the students' response after applying eLearning in covid'19 pandemic era.

Table 1. F-Test Two-Sample for Variances

	<i>pre</i>	<i>post</i>
Mean	79,77	82,65
Variance	48,58	55,68
Observations	26	26
Df	25	25
F	0,87	
P(F<=f) one-tail	0,37	
F Critical one-tail	0,51	

The data above is the calculating from Ms. excel as the result of pretest and posttest students. On the table show that F_{count} is 0,87 and F_{table} is 0,51. It means that the hypothesis is accepted because F_{count} is higher than F_{table} .(James KPOLOVIE et al., 2014) in their research found that some factors given the effect

for the student's achievement at the school are not conclusively known and it could be various in natures. It can be students' attitude toward school, interest in learning, students habitual in learning, attribute, self- efficacy, intelligence and motivation.

From elaboration above, the result of the data support by the previous research that there is good impact for applying the internet in the learning. (Al-Fraihat et al., 2020) elaborates e-learning as the direct result from the combination of the education and also technology. It is the development of technology that particularly uses the internet in learning.(Kaisara & Bwalya, 2020) in their research found that interest in e-learning universally has been renewed in the pandemic covid'19. This statement is support by(Vershitskaya et al., 2020) conclude that the use of e-learning can be successfully applied when the problems are overwhelmed. Moreover, it was found that the implementation of e-learning is actively used by the students as a part of learning individually. Then (Resdasari Prasetyo et al., 2021) said that having high learning interest has the positive effect for the students' achievement. Thus, from the previous research showed that e-learning give the positive effect for the learning process especially at the students' learning interest in the covid'19era.

CONCLUSION

To sum up, it has good connection between the students learning interest in teaching using e learning during pandemic covid'19. Students experienced in e learning are more likely accepted in learning by internet rather than the students with have not experience in using e learning. Students learning interest are more valuable because they are aware that it was important in learning achievement. This was engaged the students in deep interaction in learning. Positive sign shown as the students are considering online learning, most students are interested to study online due to covid-19. The use of e-learning gives positive effect to students' learning interest. E-learning usage creates a fun and enjoyable learning situation and condition, which the essential factor to gain in the learning action.

A successful learning can be said if the learning process has good interaction and involvement each student. E-learning clearly gives a wider chance for student to take in various learning source, and the student will get a rich learning experience. Moreover, e-learning will enhance students mastering of technology in case computer skill. The students can search the information and develop it by their self. The numerous activities in e-learning will emerge the student curiosity and erase the opinion about bad news of pandemic covid-19

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