

Online Learning Communication Model During the Covid-19 Pandemic at Palu City Vocational High School

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Abstract

This study aims: 1) To understand and analyze the conceptualization of online learning at Vocational High Schools in Palu City, 2) To understand and analyze the communication model in online learning at Vocational High Schools in Palu City, and 3) To understand and analyze what patterns of online learning are expected by students of the Palu City Vocational High School. This research is qualitative research using a case study approach. The unit of analysis in this study is SMK Negeri 2 Palu and SMK Negeri 5 Palu. The informants of this study were school principals, committee members, parents/guardians, teachers and students. Data collection was carried out through observation, in-depth interviews and documentation. The research results show that first, the conceptualization of online learning refers to the circular letter of the Ministry of Education and Culture No. 4 of 2020 regarding the implementation of education policies during the emergency period of the spread of Coronavirus Disease (Covid-19), that the learning process is carried out online. Second, the communication model in online learning is predominantly one-way, with a scheme for government regulations regarding technical online learning in Vocational High Schools (SMK) carried out by teachers and students using online applications, namely via whatsapp, cloud-x, zoom, google classroom, google meets with the aim of students remaining active in learning and receiving learning materials even in a pandemic situation. Third, the online learning pattern expected by students is varied, fun, exhilarating and interesting.

Keywords

communication model; online learning; during the covid-19 pandemic



I. Introduction

Vocational High School (SMK) is a formal education unit that organizes vocational education at the secondary education level as a continuation of SMP/MTs. Vocational education is secondary education that prepares students to be independent and directly enter the world of work based on their expertise, or to continue their studies and entrepreneurship in certain fields according to the skills possessed by each graduate. Vocational High School is an educational institution that provides a portion of practice more than theory so that students have more hard skill abilities. With regard to science, students are required to master more practical learning activities or learning by doing. Vocational High School as one of the levels of secondary education has the aim of forming students according to their expertise so that they can be independent and can immediately enter the world of work based on their expertise. Vocational schools use a curriculum that gives a portion to practice more than theory at school. The SMK education curriculum which was originally supply driven or made by the government through ministries, has been changed to be demand driven, namely made by the business and industrial world. The goal is that the curriculum is in accordance with their needs in the world of business

and industry as well as developing production and business-based learning through several approaches, including teaching factories, techno parks, business centers in schools.

The learning communication model is inseparable from educational communication and communication in general. Education is a communication event that has framework Which The same that is exists connection between man. Connection This contains elements of mutual need. Basic needs in human life are interconnected and interact with fellow human beings. Communication is a very important human link. Mulyana (2018) also put forward a similar opinion that communication has a relationship function. The content function involves exchanging the information we need to complete tasks, and the relationship function involves exchanging information about how we relate to other people.

Circular Letter of the Minister of Education and Culture of the Republic of Indonesia Number 4 of 2020 concerning Implementation of Education Policy in the Emergency Period of the Corona Virus Disease (Covid-19) spread dated March 24 2020 is the basis for Education units to adopt policies in the learning process from home via online. Covid - 19 was declared a global pandemic and the National Disaster Management Agency (BNPB) declared a national emergency status. This made the learning climate which was originally dominated by classical become non-classical or known as online learning (in the network). The pandemic conditions have accelerated teaching and education staff to get to know the online learning system. The internet network and of course the availability of quotas is urgent and essential for the continuity of the online teaching and learning process . Real facts and conditions on the ground were not easy. There are several dynamics of the learning process that surfaced. The conditions of work from home and study from home force all parties to try to maximize the learning process. Waiting until the time limit cannot be determined with certainty when the outbreak will end. So the parties concerned are looking for solutions and alternative processes of teaching and learning activities that feel suddenly completely digital. Ready not ready to be faced.

Based on the explanation above, this research focuses on learning communication during the Covid-19 pandemic at Vocational High Schools in Palu, Central Sulawesi.

II. Research Method

This research is a qualitative research with a case study approach. Creswell (2015) Case study research begins by identifying one specific case. This case can be a concrete entity, such as an individual, small group, organization or partnership. Case study researchers try to examine as much data as possible about the subject under study. They often use a variety of methods: interviews (curriculum vitae), observations, review of documents, (results of) surveys, and any other data to describe a case in detail. So instead of examining a small number of variables and selecting a large sample that is representative of the population, the researcher carefully and in various ways examines a large number of variables about a particular case. By studying as much as possible an individual, a group, or an incident the researcher aims to provide a complete and in-depth view of the subject under study (Mulyana, 2018).

At a less concrete level, this case may be a specific community of relationships, decision processes, or projects. Data analysis based on Miles & Huberman (1992) includes data reduction based on selected data and segregated data, presenting data in the form of descriptions and verifying data or drawing conclusions.

IV. Results and Discussion

Online learning stems from government policies requiring social distancing or restrictions on social interaction to prevent the spread of the Covid-19 virus . this policy was also greeted with the issuance of a circular letter from the Ministry of Education and Culture (Kemendikbud) which stated that the implementation of learning must be carried out remotely from their respective homes (study from home). Online learning activities are carried out through various communication platforms that allow learning activities to continue to be carried out through the Google Classroom, Google Meet, Zoom, Cloud-X applications. Whatsapp and so on. Through this platform , interactions between teachers and students can be carried out, discussing subject matter to completing assignments for assessment, although not optimally according to what is expected. The existence of online learning shows us how important teaching and learning activities are to continue even though circumstances do not allow meeting in person.

Bilfaqih and Qomarudin, (2015) online learning is leveraging learning multimedia technology, video, class virtual, animated online text, voice messages, email, conference calling, and video online streaming Learning can carried out massively in numbers unlimited participants, can done free or paid. This matter done to avoid contact directly between educators and participants learn which learning system conventionally or face to face can increase the spread of the virus covid-19. Study from Home (SFH) effort during the COVID -19 Pandemic " explained the results of the study that during the COVID -19 outbreak in Indonesia, several government regulations were issued to prevent the spread of the outbreak. One thing that is encouraged is social distancing. Social distancing is an effort to maintain distance, such as avoiding crowds and physical contact. The existence of social distancing is clearly very influential in the world of education.

Related to Cangara (2017), "communication as an instrument and social interaction is useful for knowing and predicting other people's attitudes, as well as for knowing one's own existence in creating balance with society. The communication model used in the online learning process is dominant to the Linear or one-way communication model (Berlo's model). The term SMCR is used to describe one of Berlo's communication models which consists of various components which include a source or sender , message , channel and receiver . This one-way communication model occurs because educators are also in the process of adapting to streamlined time in the online learning process. The communication model constructed by the researcher based on the findings of the research results can be presented as follows; there are regulations from the Government regarding social distancing, so learning is carried out online by educators in vocational high schools, with a curriculum content of 30% theory and 70% practice. The learning process through the application online , namely via whatsapp, cloud-x, zoom, google classroom, google meet with the aim of students remaining active in learning and receiving learning material even in a pandemic situation. Third, the pattern of online learning that students expect is varied, fun and exhilarating, namely the existence of distractions in the online learning process in the form of games, so that students have the enthusiasm to stay focused on learning.

Communication is the process of delivering messages by someone to other people to tell, change attitudes, opinions or behavior either directly orally or indirectly through the media (Hasbullah, et al. 2018). Social media is an example of a relatively recent development of information technology (Marbun et al, 2020). Communication through social media promises a comfortable state of communication, where someone who cannot compose words can be someone who is very poetic, with a very relaxed appearance and state (Marlina, 2020).

According to John Watson (in Littlejohn, 2009), the behavior that is formed is the result of a conditioning . Simple chain relationships between stimulus and response that form a complex chain of behavior. The complex set of behaviors includes; thinking, motivation, personality, emotion and learning. Behaviorism is also called S – R (stimulus and response) psychology. Behaviorism rejects that thought is the subject of psychology and insists that psychology has its limits to the study of the observable behavior of human and animal activities. According to him, the theory of Behaviorism includes all behavior, including countermeasures or responses to a stimulus or stimulus. This means that there is always a link between stimulus and response to human behavior. If a stimulus or stimulus received by someone has been observed, then the response from that person can also be predicted. Covid-19 pandemic in the world of education, which is characterized by online learning, provides positive lessons for teachers who are forward-looking and have pedagogical and professional competence responsibilities with the characteristics of having high and fast adaptability to changes that occur, as well as students. Students who receive positive support from their families in online learning are able to get through the pandemic and have high adaptability with the speed of Information Technology development. Soekanto in Ismail (2019) social change refers to changes in social aspects, community governance, and group behavior patterns

According to Rugova, (2021) The Internet brought about great technological advances, affecting not only the general public, but modern education as well. Social distancing and the COVID -19 pandemic challenge countries that are still in transition like Kosovo, which forced the government to start compulsory distance learning, in such situations it can be implemented relatively well, despite many challenges, such as technology and IT barriers , limited resources to organize teaching from the side of academic staff.

The term cybernetic (Anwar 2017) is an absorption form of the word cybernetic, which is a control and communication system that allows feedback . The word cybernetic comes from the Greek which means controller or pilot. This field becomes a communication discipline related to controlling computer machines. This term was first used by Louis Couffignal in 1958. In its development, the term cybernetics has now become everything related to the internet, artificial intelligence and computer networks. The term Cybernetics was first popularized by Nobert Wiener, a scientist from the Massachusetts Institute of Technology (MIT), to describe artificial intelligence (artificial intelligence). The term cybernetics is used to describe the way feedback enables the communication process to take place.

In line with this understanding, Anwar, (2017) defines Cybernetics as a science that questions the principles of control and communication that are applied in the functioning of multiple organisms or machines, in this case the meaning is often equated with feedback. In its development, The word becomes a learning theory that was born along with the development of the world of information. According to Budiningsih, cybernetic learning theory is a relatively new learning theory compared to the learning theories discussed previously. This theory develops in line with developments in technology and information science. According to cybernetic theory, learning is information processing. Another assumption of cybernetic theory is that there is no one ideal learning process for all situations, and is relevant for all students. Because, how to learn is determined by the information system. An information may be learned by a student with one type of learning process, and the same information may be learned by other students through a different learning process. Cybernetic theory views that the learning process is largely determined by the information system being studied. There is no ideal learning process for all

situations, and it is suitable for all learners. Because the way of learning is determined by the information system. Therefore, the selection of a model as a means of processing information must look at the characteristics of students.

Many experts say that cybernetic learning theory is a cognitive theory. They argue that learning is an internal process that cannot be observed directly, and is a change in ability that is bound to a particular situation as cognitive understanding. This similarity is reasonable because the main concept of this theory is in the cognitive environment, namely the brain's memory as an information processing system. Cybernetic theory can be called the development of cognitive concepts combined with the development of information technology. Even though it is in a cognitive environment, cybernetics holds the view that human working memory has a limited capacity. Therefore, to reduce the load on working memory, it is necessary to pay attention to learning capabilities, learning events, and the organization or sequence of learning, (Anwar, 2017).

In this regard, the management of learning in cybernetic learning theory demands that the learning process is well organized internally and externally. The internal condition of students can affect the learning process through information processing. Likewise with external conditions that can affect the learning process in the classroom.

IV. Conclusion

Conceptualization of online learning refers to the circular of the Ministry of Education and Culture regarding distance learning. Online learning activities are carried out through various communication platforms that allow learning activities to be carried out. The existence of online learning shows us how important teaching and learning activities are to continue even though circumstances do not allow meeting in person.

The communication model used in the online learning process tends to be a linear or one-way communication model (Berlo's model). The term SMCR is used to describe one type of Berlo's communication model which consists of various components which include a source or sender, message, channel, and message receiver. One-way communication model this happens because educators are also in the process of adapting to streamlined time in the online learning process. Researchers construct a simple online learning communication model by referring to one-way communication.

The online learning patterns expected by students are varied, exhilarating, fun and interesting by applying games during online learning. Learning after the Covid-19 Pandemic is flexible, depending on technical education providers. Schools that implement online learning at certain times have more matured the preparation of facilities and infrastructure.

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