

## The Impact of Covid 19 Pandemic on Online Learning in Sport, Health and Physical Education in Vocational High School 1 Kaligondang Purbalingga



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**ABSTRACT:** The spread of Covid-19 has an impact on the education sector in Indonesia. It causes learning to change from conventional to online learning. The purpose of this study is to determine the impact of Covid-19 pandemic on online learning in Vocational High School 1 Purbalingga students. The research subjects were 90 students divided into several classes. This type of research is quantitative descriptive using survey methods. The results showed that online learning was not effective enough (55%), the most perceived obstacle was the quickly depleted internet quota package (43%) and the most suggestions put forward by the subject were online learning not only assignments and facilities provided by students. It can be concluded that the impact of the covid-19 pandemic that is occurring thoroughly in the world, especially in Indonesia, greatly affects the educational process, especially in the field of sports because it cannot be directly practiced and be observed together as students' activities

**KEYWORDS:** Learning facilities, Physical Education, Sports, Covid-19 pandemic

### INTRODUCTION

Almost all over the world is made up and shocked by the emergence of the Corona Virus or so-called Covid-19 nowadays. This virus attacks human respiratory system. The spread of this virus results in diseases that are mild to severe. The disease is transmitted by the Sar Cov-2 virus outbreak for patients who are infected with fever, dry cough and breathing difficulties with an incubation period of between 5 days to 6 days and a maximum of 14 days, who says the virus is a new virus that is endemic in Wuhan City, Hubei Province of China. This virus can spread globally is very important to determine the severity. This virus has spread in various countries including Indonesia, the country affected by Covid 19. On June 4, 2020 in East Java, especially in the city of Surabaya, which has been designated a black zone or can be called a zone with more than 1000 people. This virus can spread through the air, touch and other solid objects. According to the latest data from the World Health Organization (WHO) on April 24, 2020, 213 countries have contracted Covid-19, 2,631,839 of which were confirmed positive and 182,100 died [1].

With the Covid-19 Virus, many have been affected both from the economic, social, tourism and education sectors. Many people are not ready for the consequences caused by Covid-19. The Circular Letter, Surat Edaran (SE), issued by the government on March 18, 2020 states that all activities both indoors and outdoors must all be postponed in order to reduce the impact of Covid-19. The government also encourages people to live using health protocols such as using masks, doing social distancing and physical distancing, using masks and gloves, etc.

The impact of the spread of this virus includes several sectors such as economy, education, etc. In the education sector, the Minister of Education and Culture has provided a Circular Letter on 24 March 2020 issuing a policy on implementing the learning process that is carried out at home or remotely. Online learning must remain under the supervision of teachers, teachers and parents [2]. Online learning is learning that uses internet networks to access multiple learning applications with good connectivity and flexibility [3]. Online learning has several advantages and obstacles. Online learning can increase the mastery of course material by more than 70% [4] [5], and can be accessed anytime and anywhere [6]. Online learning also has the advantage of being able to foster learning independence (self-regulated learning) [3].

The obstacles encountered when using online learning are weak signals and limited internet quota [5] [7]. Online learning/distance learning is done using several applications in today's technology such as Zoom, Google Meet etc. Online learning

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is expected to be able to suppress the spread of Covid-19 virus. In addition, online learning is also expected to be able to continue the teaching and learning process in the world of education so that people continue to learn and explore their potential.

Since 2014 the Directorate of Learning and Scholarship, Directorate General developed the Open and Integrated Indonesian Online Learning Program (Pembelajaran Daring Indonesia Terbuka dan Terpadu, PDITT), which was launched on October 15, 2014 by Vice President Boediono. On September 18, 2016, it was renamed to Online Learning System (Sistem Pembelajaran Daring, SPADA). Therefore, for the online learning process, both from educational institutions, teachers, and students must understand and know what must be prepared for online learning either from applications or with adequate internet facilities. Learning steps must be clear so that the effectiveness of online learning can be created. Online learning itself can provide new experiences that are more challenging than conventional (face-to-face) learning models [4].

The purpose of this study is to find out how much impact Covid-19 to the effectiveness of online learning for students at Vocational High School 1 Kaligondang Purbalingga. In this study, the sample was also divided into 3 forces, namely class of 2017, 2018, and 2019 in Vocational High School 1 Kaligondang Purbalingga which affected by the Covid-19 Pandemic in 2020, so that from the sample, a measurement was carried out that varied in the place where each student was located.

## METHOD

This research is quantitative descriptive [8] using survey methods. The purpose of this study is to describe the effectiveness of online learning during the Covid-19 pandemic. The research data collection technique uses the methodology that we provide to the students. The sample in this study was 90 students consisting of class of 2017, 2018 and 2019 with sample criteria of purposive sampling [8]. The research time was carried out from May-June 2020. Questionnaire is given to students as a research subject using Google form. The subject will be given a link to fill out the questionnaire. Subjects can fill it through their respective computers or cell phones. The questionnaire grids provided include, the effectiveness of online learning, obstacles faced when learning online, students' level of understanding when doing online learning, teachers in conducting online learning, as well as suggestions about good online learning. From the data obtained from the questionnaire that has been filled in by students, the calculation was carried out using percentage statistical data.

## DISCUSSION

The results of research on the impact of online learning during the Covid-19 pandemic will be described in the form of a diagram in accordance with each question asked to the research subject. The research subjects who responded to the questionnaire provided were 90 students of Vocational High School 1 Kaligondang Purbalingga. Shown in the figure 1, that the most answered questionnaires out of the total of 90 students were the class of 2019 as many as 32%, the class of 2017 as many as 23%, and the class of 2018 as many as 43%.

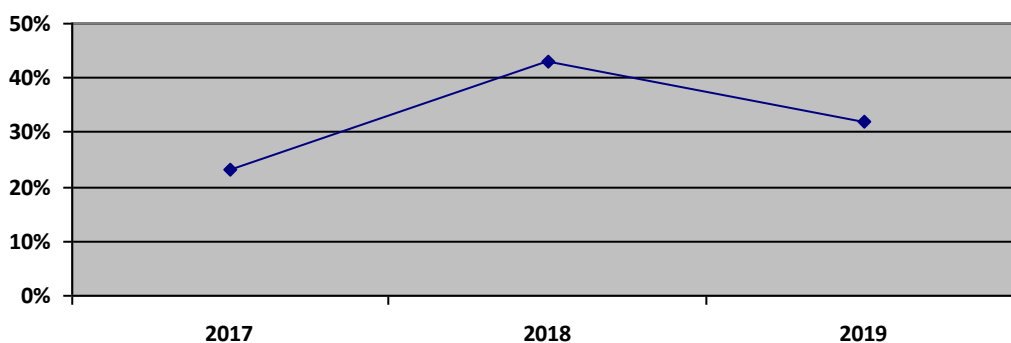


Figure 1. Percentage of Respondents (Class of 2017, 2018, 2019)

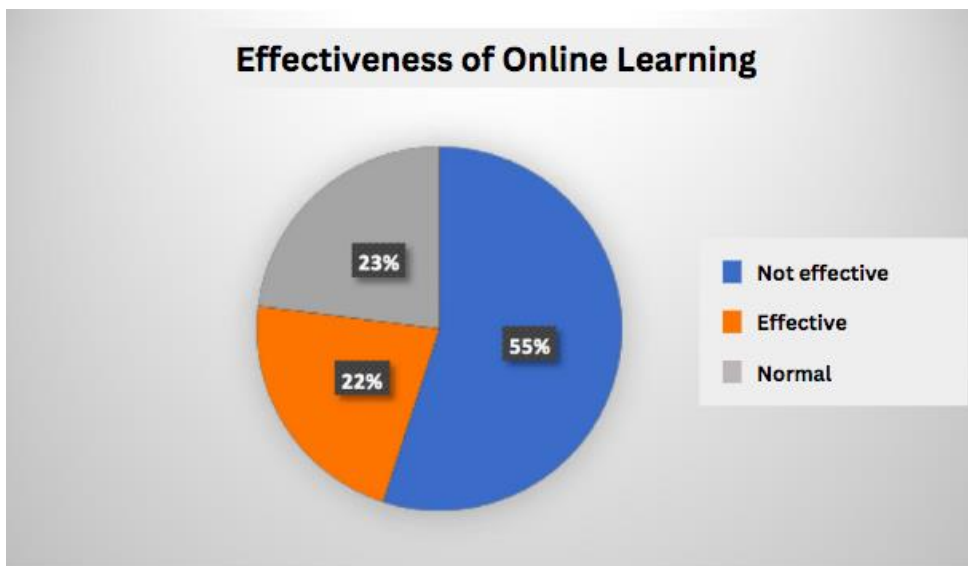


Figure 2. Percentage of effectiveness of online learning

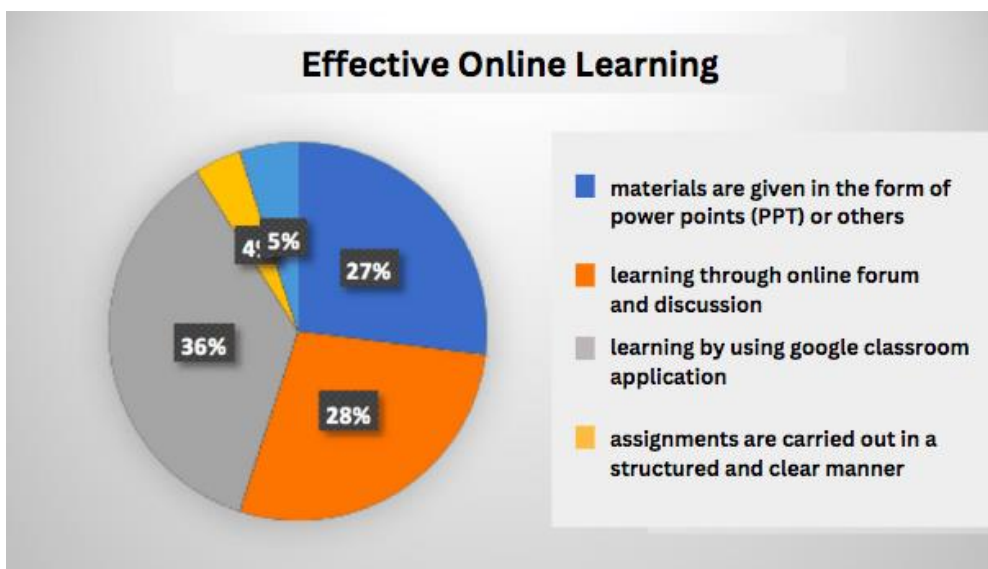


Figure 3. Percentage of effective online learning

In Figure 2, it can be seen about the effectiveness of online learning during learning. As many as 55% of students still feel that online learning has not been effective during the covid-19 pandemic, as many as 23% consider it normal or there is no improvement in learning done and as many as 22% of students consider that online learning has been efficient during the covid-19 pandemic.

In Figure 3, according to students, as many as 36% of effective online learning uses applications such as google classroom or the like. As many as 28% of students think that effective online learning of lesson should be done with online forums and discussions. As many as 27% of effective online learning material must be in the form of power points (PPT) or other such as videos. As many as 4% of students think online learning will be effective if assignments are carried out in a structured and clear manner. As many as 5% of students have different opinions such as clearly scheduled forms of learning, the use of applications that remain unchanged, and the provision of clear materials along with clear assignments in accordance with the material provided.

Online learning will inevitably encounter some obstacles. In Figure 4, it can be seen the obstacles faced by students while attending online lectures during the Covid-19 pandemic. As many as 43% of students mentioned that the constraints of the internet quota package were quickly exhausted. As many as 25% of students have difficulties in understanding the material. As many as 28% experienced problems in the form of signal quality when doing online learning. As many as 4% of the various obstacle faced such as the lack of teacher preparation in preparing for online learning, too many assignments rather than giving learning materials, uncertain schedules, and cost difficulties for purchasing internet quotas.

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The level of understanding of online learning materials can be seen in Figure 5. As many as 39% said it was difficult to understand the material conveyed. As many as 52% of students can sufficiently understand the material given during online learning and as many as 9% of students can understand the material given.

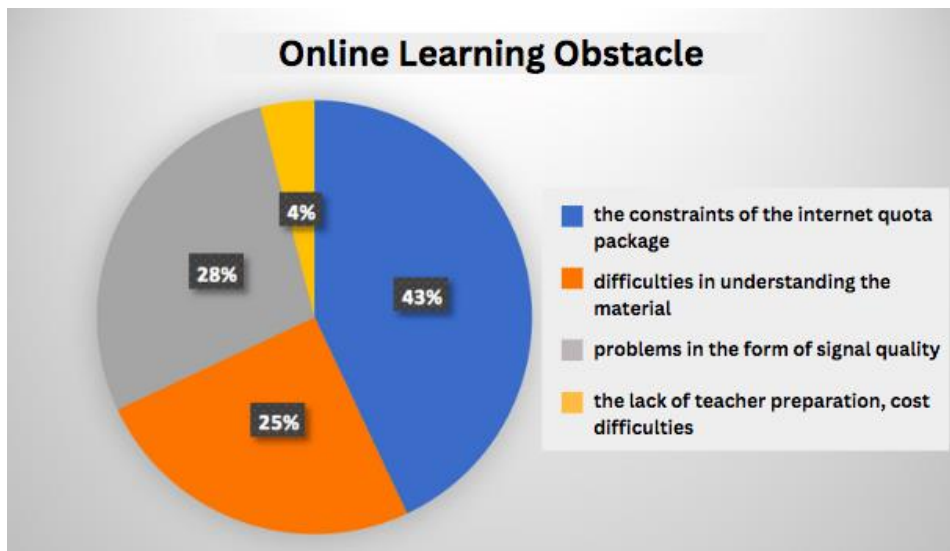


Figure 4. Percentage of online learning obstacle

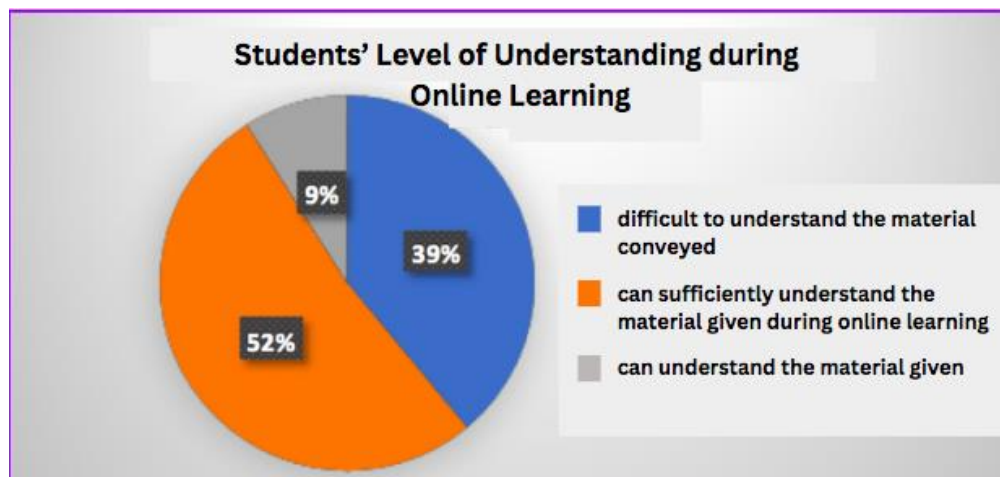


Figure 5. Percentage of students' level of understanding during online learning

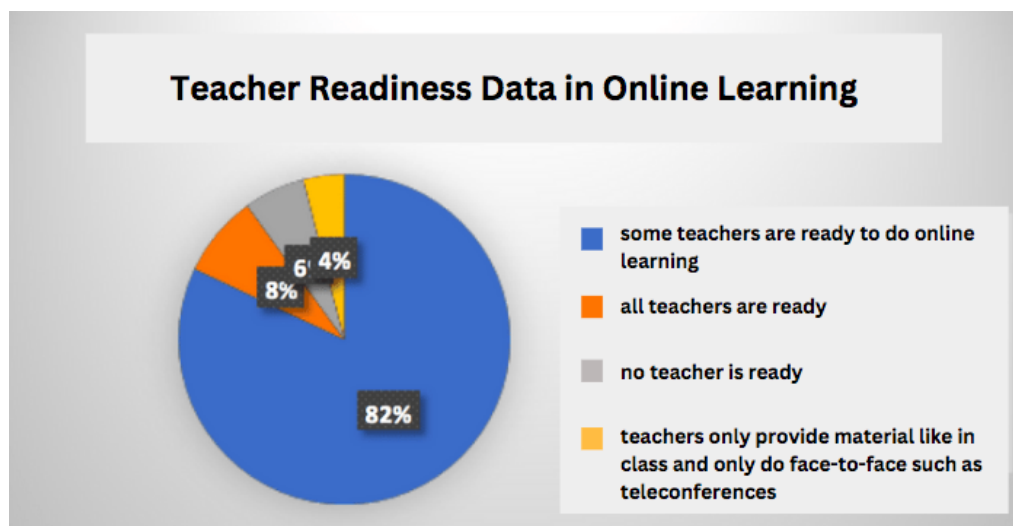


Figure 6. Percentage of teacher readiness data in online learning

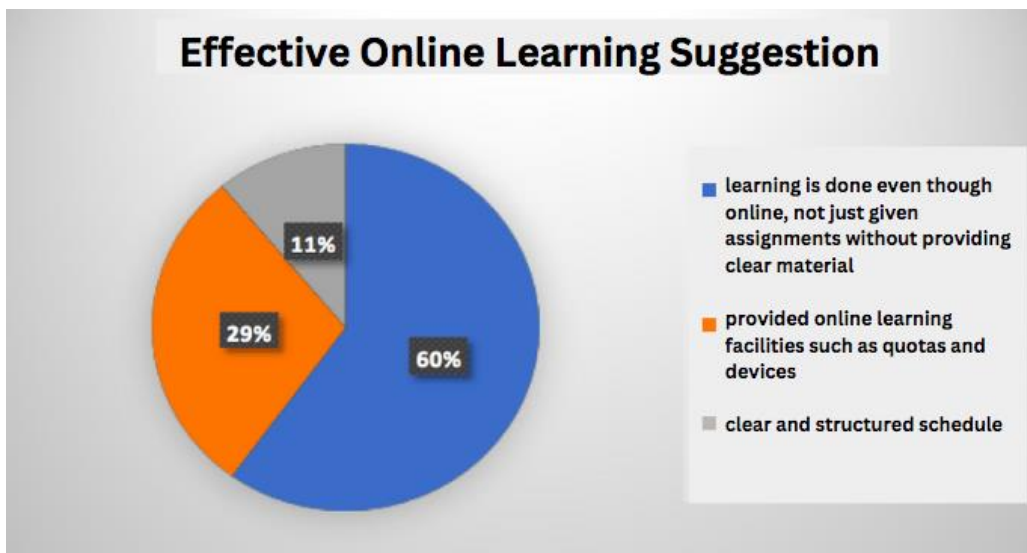


Figure 7. Percentage of suggestions for online learning effectiveness

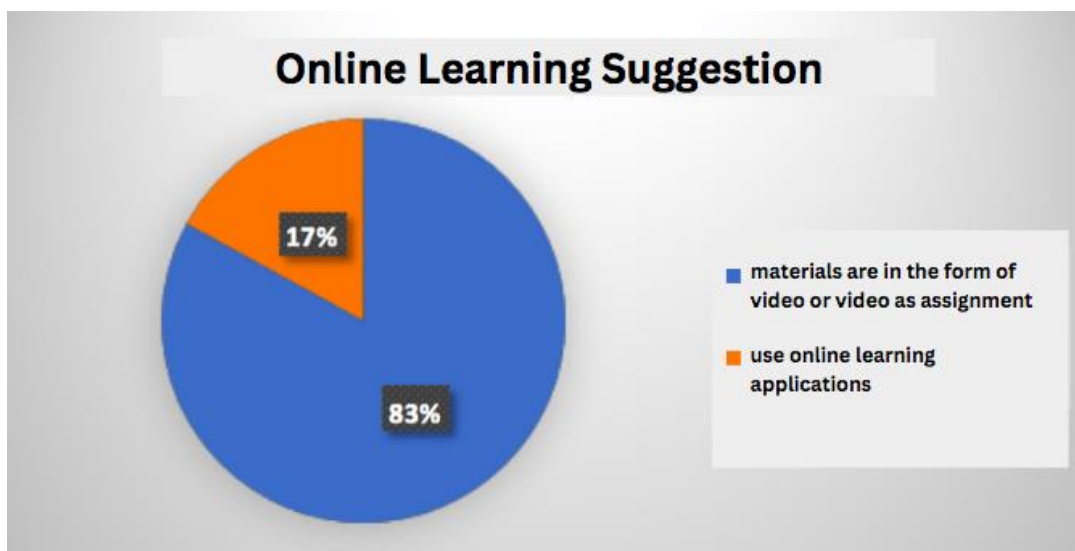


Figure 8. Percentage of suggestions during online learning

The results of research on teacher readiness in online learning can be seen in Figure 6. It can be concluded that as many as 82% of some teachers are ready to do online learning. As many as 8% of students answered that all teachers are ready. As many as 6% answered that no teacher is ready. And as many as 4% answered that teachers only provide material like in class and only do face-to-face such as teleconferences.

Figure 7 shows the suggestions given by students so that learning goes more effectively. As many as 60% of students give suggestions to keep lectures going even through online or not just giving assignments without providing clear material. A total of 29% of students suggested that online learning facilities such as quotas and devices be provided. As many as 11% of students provide suggestions for a clear and structured schedule in online learning.

Students' suggestions when online learning takes place can be seen in Figure 8. 83% of students suggest video material because most sports require practice instead of theory alone. A total of 17% suggested using applications for online learning. In the era of the 4.0 revolution, the development of technology required schools to provide digital learning services [9].

Universities have a strategic function in developing and exploring the potential of society to be quality and useful individuals for society [10]. This is certainly a challenge for all schools in Indonesia to be able to produce individuals who master science and technology in tandem. Schools must be able to facilitate the teaching and learning process in order to achieve the desired goals. Several studies have been conducted to see the potential of online learning to deal with the Covid-19 pandemic [2] [5] [6] [7] [11] [12].



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Online learning conducted on Vocational High School 1 Kaligondang Purbalingga students is not yet effective because almost 55% of students answered that. This is different from some previous studies [1]. This is confirmed by the difference between the major and the material delivered. Sometimes vocational school students must be accompanied by practice so that the results are more optimal. This shows that online learning is only effective for theoretical and not practical learning [5]. Because in practice students must immediately try and practice the theory that has been obtained in the learning material that has been given by the teacher concerned. It causes that sometimes students do not understand the material given by the teacher, and feel that the tasks given are not in accordance with the material given.

Effective learning must have interaction from students and teachers. According to students of Vocational High School 1 Kaligondang, effective online learning must use applications for online learning such as google classroom or other platform similar to it.

Selection of the right application will help teachers and students conduct the learning process. Many applications can be used for the online learning process such as Google Classroom , WhatsApp Group, Youtube , Instagram , and Zoom [1].

Online learning itself can help increase students' motivation to take lessons. Previous research shows that 41% of students agree that online learning provides motivation to participate in learning [7]. Motivation to take part in online learning can increase because there are no teachers present directly making students not feel awkward to ask and express their ideas [3].

Online learning itself has obstacles or obstacles that must be faced. Some obstacles such as difficult internet signals, fast internet quotas, lack of understanding of the material provided. This is also the same as some previous studies [5]. The Internet is key in this online learning. With the internet, learning can be done easily and can be done anywhere [6]. However, internet speed and availability different in each region. This is because students who are in the far corners have difficulty attending lectures online.

In online learning, teachers must be ready to live the challenges that are being faced. Every teacher must increase creativity in designing an effective online learning for his students. A teacher must also determine the right tasks and be clearly structured. The thing to remember is that this online learning is not an online assignment. Online learning has its own challenges, differences in the place or location of students and teachers cause a lack of direct supervision of students' activities in the learning process which causes the absence of information that students are serious in participating in the online learning process [3].

Some strategies that can be used to increase the effectiveness of online learning activities are (1). Strengthening the interaction between students/students and teachers/teachers, (2) By utilizing interaction between each student while learning takes place, (3) Planning several exams/quizzes online [13].

Some suggestions for the efficient implementation of online learning from the survey results show that in the learning process it must use applications that are easy to get and use. The learning process must be clearly scheduled. Teachers should not determine the learning schedule unilaterally. Sometimes students who are on the far side have to find a good internet signal first to do learning. The material provided must also be clear so that students understand the material provided.

From the results of other findings, namely the lack of adequate skills and knowledge of the educators participating in the study to integrate technology and identify the right approach to promote learning, whether it is technological or pedagogical, and the inadequacy of distance learning programs for students' individual needs, affirm the need to advance online learning, teacher knowledge and skills and the integration of technology into the learning process. Therefore, as in other countries, the created state can be considered an advantage in improving the quality of education, the performance of students and teachers, while helping to achieve the goals of the education strategy, which aims to provide equal opportunities for the education of all individuals [14].

### **CONCLUSION**

From this study, it can be concluded that the impact of covid-19 makes learning change from conventional to online learning. Online learning at Vocational High School 1 Kaligondang has been running quite effectively because there are some teachers who have implemented online learning even though there are still some obstacles such as fast internet quotas, signal difficulties and lack of containment of the material provided. For more effective online learning, the researchers suggest the school to provide facilities for online learning and the teachers need to improve their creativity and interaction with students.

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