# Utilization of Online Learning Media Platforms During the Pandemic *Covid-19*

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**ABSTRACT**
*This study aims to determine the effectiveness of the online learning media platform used in online learning during the Covid-19 pandemic at MTsN 3 Jombang. This research method is a qualitative research approach based on the philosophy of postpositivism. The data collection technique in this study used triangulation techniques and the results of qualitative research data analysis emphasized meaning rather than generalization. Retrieval of data source informants carried out purposive and snowball. The results of the research were then discussed through a literature review of relevant references and research findings so that several platforms were found that were used at MTsN 3 Jombang during online learning, namely Google Classroom, Google Form, Quizizz, Whatsapp, and Youtube. The results of this study are an increase in student learning outcomes during online learning and teachers at MTsN 3 Jombang state that an effective platform for online learning at MTsN 3 Jombang is Google Classroom.*

*Keywords: Platforms; Media; Online Learning.*

## INTRODUCTION

The pandemic is Covid-19 a disaster for the whole world and has an impact on many parties, including the world of education. Based on a circular from the Ministry of Education and Culture Number 4 of 2020 concerning the Implementation of Education Policies in the emergency Period Coronavirus Disease 2019 (Covid-19). (Sangadah, 2020) Thus the learning process is implemented by the system of distance learning (ODL) with the learning system in the network (Online). Hamid Muhammad as plt. Disdakmen Kemendikbud learning argues that online learning is learning that uses an internet-based interactive model and Learning Management System (LMS). (Pratama & Mulyati, 2020)

The government in supporting learning during the pandemic Covid-19 provides various services for education (Darmawan & Nashoih, 2019). One such service is to provide a platform for learning online. In the development of the industrial revolution 4.0, various platforms are learning online such as Google Classroom, Google Form, zoom, google meet, Zoom, Quizizz, WhatsApp Group, and many more. The platform learning media online is a program that can support the success of learning online (Rohmah, 2018). The following are several platforms that can be used in the implementation of online learning, including Google Classroom, Edmodo, Learning House, Teacher's Room, Your School, Smart Class, Zenius, Google Suite for Education, Microsoft Office 365 for Education. (Daheri et al., 2020)

Each platform used in the learning process certainly has its advantages and disadvantages. Therefore, the selection of the learning media platform must be appropriate. Choosing the platform right will produce output that suits your needs and still create a superior generation during the current pandemic (Sulaikho & Mathoriyah, 2020). According to Wotruba and Wright in Yusufhadi Miardo, indicators that can be used to determine effectiveness in the learning process are (1) good material organization; (2) effective communication; (3) mastery and enthusiasm for the subject matter; (4) positive attitude towards students; (5) giving fair value; (6) Flexibility in the learning approach; and (7) good student learning outcomes. (Pujiastutik, 2019)

Research results (Assidiqi & Sumarni, 2020) platforms digital that are often used in learning online elementary include Whatsapp Group, Google Facilities (Google Classroom, Google Form, and Google Meet), and Zoom Cloud Meeting. This is in line with the results of research (Nuriansyah, 2020), when using the platform, the learning online student GPA of 121 people experienced an increase compared to

the semester before the pandemic. The results of research (Subekti et al., 2017) show that internet-based learnisng media influences students, namely the positive impact of providing the ability to build student's thinking while the negative impact makes students dependent and reluctant to look for reading books.

Based on these references, research on the analysis of the use platforms of learning media online has never been carried out. Therefore, researchers will conduct research that focuses on the use of various learning media platforms online used by teachers and student learning outcomes during online learning during the pandemic Covid-19. The purpose of this study is (1) to obtain information about the use of various platforms of online learning media at MTsN 3 Jombang; (2) can find out the obstacles experienced by teachers and the solutions provided when the effectiveness of the use platforms of learning media used for learning online during the pandemic Covid-19. Thus, the researcher hopes that this research can be used as a reference for teachers to choose the right platform for learning media online right and effective learning online.

## METHOD

This study uses a qualitative research method based on the philosophy of postpositivism. In this research method, the researcher acts as a key instrument and the data collection technique in this study uses techniques such as triangulation, namely a combination of participatory observation, in-depth interviews, and documentation. The data analysis of this research is inductive or qualitative and the results emphasize the meaning of generalization. Retrieval of data source informants carried out purposive and snowball. The subjects of this study were the principal, waka curriculum, and 3 teachers. The object of this research is to use platforms of learning media online at MTsN 3 Jombang. Researchers chose this institution because, in terms of the use of infrastructure, Information and Communication Technology (ICT) in supporting learning is online adequate. Therefore, researchers will explore information about the use platforms of learning media online at MTsN 3 Jombang.

The steps used to collect data according to Sugiyono are (1) participatory observation; (2) in-depth interviews; (3) documentation. The next stage is data analysis techniques, according to Sugiyono, namely (1) data collection; (2) data reduction; (3) data presentation, and (4) data verification. Meanwhile, to determine the validity of the data according to Sugiyono, among others (1) Credibility; (2) Transferability; (3) Dependability; (4) Confirmability. (Sugiyono, 2019)

## RESULT AND DISCUSSION

### Result

In this study, the researcher used the data analysis technique of the Miles and Huberman model by analyzing the data that had been collected during the study at MTsN 3 Jombang. The data that has been obtained by the researcher is analyzed under the results of the study which refers to the formulation of the problem.

- **Various platforms learning media online at MTsN 3 Jombang.**

Based on observations, interviews, and documentation conducted by researchers at MTsN 3 Jombang. It is known that teachers use several platforms, learning media online including Google Classroom, Whatsapp, Zoom, Quizizz, Google Form, and Youtube during learning during the pandemic Covid-19. This can be proven by the results of research showing the use of Google Classroom by 174 teachers, the use of Whatsapp by 174 teachers, the use of Youtube by 100 teachers and the use of Zoom by 95 teachers, the use of Google Form by 174 teachers, the use of Quizizz by 100 teachers. During learning the teacher uses more than one platform interrelated to support the delivery of learning materials.

- **Constraints in the use of platforms of learning media online at MTsN 3 Jombang during the pandemic Covid-19**.

Based on the results of this study, it can be seen that the obstacles to using the platform learning media online used at MTsN 3 Jombang include (1) a large number of students results in student capacity on the platform insufficient learning; (2) a large number of students causes learning to be online less efficient and maximal for both teachers and students because the platform learning is inadequate; (3) lack of enthusiasm of students when participating in learning online; (4) some teachers have low IT skills due to age.

From the above constraints, the following are the solutions provided by institutions and teachers (1) madrasah determine the use of the Google Classroom platform and create a semi-E-learning system learning to overcome the capacity of students; (2) madrasas give teachers the freedom to use the platform learning media online desired, on condition that they include a picket teacher on the platform used. While

the solution from the teacher is to combine several online learning media platforms so that learning can run effectively and maximally; (3) teachers provide evaluations to students and coordinate and cooperate with homeroom teachers and parents so that learning runs effectively. While the solution from the school the students will be given guidance so as not to repeat the mistakes made; (4) the solution from schools for teachers who have low IT skills is to provide facilities and infrastructure in schools, schools provide IT teams to help create learning media and mentoring by young teachers who are IT, experts.

- **Effective use of online learning media platforms at MTsN 3 Jombang**

Based on participatory observations, in-depth interviews, and documentation, it can be seen that the platforms of learning media online used at MTsN 3 Jombang are Google Classroom, Whatsapp, Zoom, YouTube, Google Form, and Quizizz. Based on the research results, the platform learning online effectively used at MTsN 3 Jombang is Google Classroom. Besides facilitating the learning process for teachers and students, Google Classroom also makes it easier for teachers to provide material, assess and evaluate learning to students and teachers can coordinate with homeroom teachers and parents of students.

To measure the effectiveness of learning, teachers at MTsN 3 Jombang give assignments and evaluations to students. The effectiveness of learning media online can be seen from the existence of good material organization, effective communication, the enthusiasm of students during learning, positive student attitudes, fair assessment, flexibility in learning approaches, and good student learning outcomes. (Pujiastutik, 2019) In this study, it can be seen that the learning outcomes of students at MTsN 3 Jombang have increased compared to learning outcomes in face-to-face learning. The results of this study can be concluded that a platform effective online learning media is Google Classroom.

## Discussion

From this research, it can be seen that the platforms used for learning online at MTsN 3 Jombang are Google Classroom, Google Form, Whatsapp, Quiziz, Youtube, and Zoom. This is in line with the research results of Assidiqi & Sumarni (2020) platforms that are often used for learning online are Whatsapp Groups, Google Facilities (Google Forms, Google Classroom, and Google Meet), and Zoom Cloud Meetings. Each platform of the learning media online uses has its advantages and disadvantages in learning. The results of this study are in line with Nuriansyah (2020) which states that in using the platform there are still difficulties in using the platform as well as facilities and infrastructure for learning online. The problems that arise include (1) the problem of power outages; (2) poor internet network; (3) parents and students who are not committed; (4) children study late; and (5) children are not consistent with their lesson schedules. The use of platforms for learning media online also has an impact on students. This is in line with Ila Mursalina Subekti (2017) who says that the use of internet-based learning media has a positive effect on the understanding ability of students with indicators of students who have broader knowledge, and can have a critical attitude which is shown by students having more courage in conveying argument in class. While the negative impact makes students dependent and reluctant to look for reading books.

The used platform of learning media online the right will produce output that is in line with expectations and still create a superior generation during the pandemic Covid-19. The results of this research on the use of learning media platforms online at MTsN 3 Jombang indicate that an effective learning platform is Google Classroom.

## CONCLUSIONS

Based on the description above, it can be concluded that the platforms of learning media online used at MTsN 3 Jombang include: (1) Google Classroom, (2) Google Form, (3) Whatsapp, (4) Quizizz, and (5) Youtube. From these various platforms, it can be seen that platform learning media online that is in great demand is Google Classroom. In addition, the obstacles experienced during the use of learning online are the insufficient capacity of the students to accommodate them. In this case, the institution provides a solution by making semi-e-learning learning media.

The results of this study indicate that the platform for learning media online at MTsN 3 Jombang which is effectely used for learning online is Google Classroom. The effectiveness of this platform is evidenced by the increase in student learning outcomes at MTsN 3 Jombang during learning online during the pandemic Covid-19.

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