

## Education and Social Change On the Use of Online or Distance-Based Learning Media

Aulia Sari, Faelasup

Sekolah Tinggi Agama Islam Sangatta

### ABSTRACT

The more sophisticated technology is today, the learning process can also become more sophisticated with the internet that can be accessed anytime and anywhere to help facilitate humans, especially the world of education because with the existence of sophisticated technology even though the distance is far apart, you can still do learning by using google meet, zoom and others. So it is not surprising that young children have been given gadget because almost all learning is accessed using gadget. The formulation of the problem is (1) How is the role of parents and teachers in the use of online media (2) What are the obstacles faced in online media learning. This research uses qualitative methods with a direct approach to parents and teachers, to find out how the role of parents and teachers to supervise children in the use of online media. So that children are not wrong in using online media. This research aims to find out how the role of parents and teachers in the use of online media and to find out what are the obstacles faced in online media learning. The obstacles are (1) Unstable internet connections are still not active in remote pockets (2) Inadequate Facilities and Infrastructure Technology support devices are clearly expensive (3) Lack of budget because the welfare of students and teachers is rather far from expectations, costs can also be considered problematic (4) Very limited technological information from students and teachers.

**Keywords:** Education, Media, Online

**Corresponding author**

**Name:** Aulia Sari

**Email:** [lyaa0401@gmail.com](mailto:lyaa0401@gmail.com)

### INTRODUCTION

Education is an effort to develop and foster human personality both in the romantic part or in the physical part so that it is able to become a useful person. There are several experts who define education as the process of changing an attitude and behavior of a group or a person through training and learning. With education we can learn to be more mature because education has many very positive impacts on us, education can also eradicate illiteracy and be able to make abilities, mentality, skills, and so on. As stated in Law No.20 of 2003. Education is a planned effort or basis for realizing the atmosphere of the teaching and learning process so that students are able to develop their potential actively to have religious, spiritual strength, personality, self-control, skills, intelligence, and noble morals, which are needed for themselves, the State, and society. According to Law

No. 20 of 2003 Education is a planned effort in a state of consciousness to create an atmosphere for active learning of students and the process of developing their potential to have personality spiritual strength, religious self-control, intelligence, skills and noble morals, which are needed for themselves, society, state and nation.

Education has an important factor for society, whether or not a nation or society is advanced depends on the education that exists in the nation's people. As said by Harahap and Poerkatja, education is an effort from parents who are intentionally always interpreted as being able to give rise to moral responsibility for all their actions. These parents are people who have an obligation to educate their children such as teachers, priests, and a kiai. Education will have a positive impact on the younger generation and also education will prepare a good and good generation for the country. Therefore, educators must need patience and tenacity in educating them.

Due to the fact that technology has advanced and is now part of everyday life for most people, it has created a favorable environment where it can be utilized. This can be seen from the technology that has gradually penetrated the world of education to produce more capable humans. "Of course, this must start from the basis, namely the teaching and learning process" (Daryanto, 2010: 169).

The learning component that plays an important role in achieving learning objectives is learning media, which is a place and delivery of information or learning messages to students. The existence of media in the teaching and learning process is expected to help educators in delivering learning materials and is expected to be able to attract student interest which has an impact on increasing student learning outcomes. "Therefore, educators must present media in every learning process to achieve learning objectives and students to be more active in the teaching and learning process" (Daryanto, 2010: 6).

An educator must be able to choose the right learning media to be applied in the classroom learning process, by considering various principles of media selection that are presented so that students can understand and master each concept of the subject matter.

According to Dimiyati (2017) explains that online learning or known as e-learning is a form of technology utilization in supporting the distance teaching and learning process. According to (Abdallah, 2018) e-learning is a learning process where the student learning process is facilitated by students in learning by utilizing the internet.

Media in an educational perspective is a very strategic instrument to determine the success of the teaching and learning process. because its existence can directly provide its own dynamics for students. The word learning media comes from the Latin "medius" which means "middle", intermediary or introducer. In Arabic, the media is an intermediary or messenger for the recipient of the message sender. Gerlach and Ely say that media when understood broadly are people, materials, or events that build conditions that make students able to acquire knowledge, skills, or attitudes.

The learning process that is effective, interesting, fun, and meaningful for students is influenced by various elements, including teachers who fully understand the nature,

nature and characteristics of students, learning methods that are centered on student activities, adequate student learning facilities, the existence of media and various learning resources that encourage and attract students to learn, and others. The existence of various learning resources will support the creation of fun and interesting student learning conditions. Learning media is one of the learning resources. Based on this description, there are several obstacles in distance-based learning (online) including expensive internet quotas, limited access to computers and smartphones, slow internet networks, limited access to computers and smartphones. Based on the explanation above, the author is interested in discussing and conducting research entitled "Use of Online or Distance-Based Learning Media".

## **METHOD**

The method used is a qualitative method. The data collection process is carried out efficiently and the survey results emphasize the concept of aggregation. The purpose of qualitative descriptive research is to explain the actual facts in accordance with existing facts in depth, detail and detail. Descriptive research seeks to provide detailed information that emphasizes the situation and is well organized in Islamic education by improving the learning ability of students so that it can be done in the institution and in general about the process itself with the order of the process at SMP Muhammadiyah 1 Sangatta Selatan. This research is systematic, which uses several logical methods.

## **FINDING AND DISCUSSION**

### **1. What is the role of parents and teachers in the use of online media?**

This online learning media is a media equipped with a controller and can be operated by the user (user) so that the user can access and control what user needs, such as uploading or downloading various materials. By using online-based learning media, this learning is independent and has high interactivity so that it can improve memory, provide learning experiences through videos, animations and texts that are made so that the information to be conveyed can be more easily learned and understood by students. In addition, students will be able to collect learning outcomes online quickly and easily through email, video conferencing, chat and posting comments in discussion forums.

If suitable media is not available to facilitate teacher-student interaction during the learning and teaching process, any online learning process will not run as expected. The process of information exchange between both parties can run smoothly by using technology and media. For that reason, everyone should understand the importance of using media in the learning process. Due to the proper use of media, learning objectives can be achieved successfully.

Learning media is an instrument that can determine the success of the teaching and learning process. Because directly its existence can provide its own dynamics to students. Because of the development of the times, teachers become careful and participate actively in electronic-based learning media.

Mobile learning is one of the terms used in expressing learning media methods that adopt the development of mobile technology as a learning medium, by presenting text, audio, and images. Smart App Creator is one of the links to create mobile learning-based media. So that teachers can create an android-based media.

From the results of the interview, Mrs. Nur Aini, always the parents of students, revealed that the role of parents in the use of social media is that they must be able to utilize technology and must divide time between children and work because parents take part in supervising children while studying and also limit the use of social media because the role of parents is very important.

Online or distance-based learning is needed by educators and students if they are hindered by distance. distance learning can use zoom as a way to solve problems. By using zoom, it can make it easier for us to collect qualitative data because it is more cost effective and its security is also maintained.

The author's analysis is in accordance with what has been described above that the role of parents and teachers in supervising children in using online media is very important so that children are not careless in using online media because it has a big impact on children if children are wrong in utilizing technology.

New media in the field of communication has given birth to the current wave of technology that is increasingly advanced and developed. Internet technology makes it easy for people to communicate between two areas without the need for a designated room or time. The fact that internet usage in Indonesia is associated with social media usage is the single biggest reason why social media needs to be used effectively to promote health.

Social media can also be used as a tool for social networking, with the aim of facilitating healthy communication that occurs in the context of these channels and can ultimately result in individual or community change. The selection of social media related to the target audience and in good social media management will certainly also have a good impact on changes in the behavior of the target audience.

The results of the interview with Mrs. Siti as a teacher from SMP Muhammadiyah Sangatta stated that the role of teachers in using online media is to make learning materials effective, must be able to motivate students to be more enthusiastic in learning and teachers must be more advanced in adapting to the use of social media.

In fact, the main purpose of teaching and learning is to improve language and communication. In the delivery process, decisions must be made through the use of the

delivery and exchange process, as well as the information provided by each learner and teacher. The use of communication strategies that support the so-called media communication process is necessary to prevent errors during the learning process.

For this reason, it can be concluded that educational media are materials such as books, tools, or other components that can be used in teaching strategies to convey information to those who need it to make it easier to receive it. This will make it easier for those who need it to accept the conclusions given. In accordance with its designation and benefits, based educational media can also be used as a means of teaching and can improve the learning environment and conditions that have been adjusted for students.

The success of a lesson includes the utilization of teaching materials. But basically there are still many who use the media not optimally. This condition can also be caused by the limited number of teachers when operating and understanding technology-based media.

Online or distance-based learning is needed by educators and students if they are hindered by distance. distance learning can use zoom as a way to solve problems. By using zoom, it can make it easier for us to collect qualitative data because it is more cost effective and its security is also maintained.

New media in the field of communication has given birth to the current wave of technology that is increasingly advanced and developed. Internet technology makes it easy for people to communicate between two areas without the need for a designated room or time. The fact that internet usage in Indonesia is associated with social media usage is the single biggest reason why social media needs to be used effectively to promote health.

For this reason, it can be concluded that educational media are materials such as books, tools, or other components that can be used in teaching strategies to convey information to those who need it to make it easier to receive it. This will make it easier for those who need it to accept the conclusions given. In accordance with its designation and benefits, based educational media can also be used as a means of teaching and can improve the learning environment and conditions that have been adjusted for students.

Early childhood is a unique figure, in face-to-face learning in the classroom or in the school environment, children must always be educated, advised, and cared for, then we set an example so that children have noble character values. But in online learning it gets serious attention because the learning process must continue and the cultivation of discipline must also continue to be realized, so this research is interesting to do. The purpose of this research is to find out how the perceptions of parents and teachers in educating and instilling discipline in early childhood in online learning. This research approach should use quantitative with survey method, the sample is determined by purposive sampling with certain criteria.

There are several kinds of media used for teaching and learning:

- 1) Based on People's news This media is based on information and is used to convey information or figures.
- 2) Print media is media that is often used for learning for example books for assignments or classes, journals, magazines, and LKS guidebooks.
- 3) Based on People's news This media is based on information and is used to convey information or figures.
- 4) Print media is media that is often used for learning for example books for assignments or classes, journals, magazines, and LKS guidebooks.
- 5) Print media is media that is often used for learning for example books for assignments or classes, journals, magazines, and LKS guidebooks.
- 6) Based on People's news This media is based on information and is used to convey information or figures.
- 7) Print media is media that is often used for learning for example books for assignments or classes, journals, magazines, and LKS guidebooks.
- 8) Visual or graphic-based media has a very important role in the learning process. This visual media can also improve memory, and increase understanding. Visual effects also provide a link between the subject and the real world and are able to attract student interest.
- 9) Audiovisual media is visual media that is connected to the air so that it requires supporting power in its operation. The most important tasks needed for audiovisual media are stay and scripting, which require a lot of research, design, and planning.
- 10) Computer Aided Instructions (CAI) is also known as computer-based media mode. CAI promotes training and education, although CAI does not pay for all educational materials. The function of this media is different in the field of education, and computer instruction is effective as a teaching tool in programs known as Computer Management Instructions (CMI).
- 11) Online-based learning media is education that utilizes the accessibility, consistency, flexibility, and capacity of the internet to support various educational interactions. Online-based media is e-learning, which is a supplement not a substitute education. Teachers' preferred online learning models include Google Drive, YouTube, Zoom Meeting, Google Form, Google Classroom, and Tuweb.

### **Benefits of Learning Media**

The presence of media in education is used as a fortress in carrying out a factual and unwavering educational process. Teachers are educators with the responsibility to deliver information or teaching materials to students. Educators remind us that in the absence of online media, some of the learning that teachers lack understanding is less effective for students to retain, even if it contains several parts. For this reason, the use of media is

essential to facilitate the dissemination of information to students and ensure that it is done effectively. In addition, educational media can be used to deliver educational materials in order to increase interest and awareness. The thoughts and feelings of children in the learning process to achieve a goal in learning.

There are several uses of media in general including:

- 1) For information to be and not have to be expressed orally
- 2) Improve sensation, space and time
- 3) Inspiring enthusiasm in learning, teachers and students can interact directly
- 4) Give children time to learn independently so that they can adjust to their visual, kinesthetic and auditory abilities
- 5) Provides encouragement to generate knowledge in order to produce a good response.
- 6) Concrete abstract theory. For example, by describing methods of government, economics, politics, and others. With the help of graphic media, both pictures and simple graphs.
- 7) Demonstrate twists that are in a mood that is often bad or that is almost invisible in the learning process. If, for example, the teacher uses videos or pictures to explain volcanoes, oceans, arctic, wild animals, etc., this can be done.
- 8) Highlight the goal to be very small and very large. for example, the teacher will give a description of a field, market, temple, plane, etc. It can also detect small-scale twists, namely mosquitoes, ants, bacteria, viruses, etc.
- 9) Consider whether the flow is consistently fast or consistently slow. Being able to show the shooting of arrows, the trajectory of bullets, eruptions in the movie can use slow motion technology. Also start with very weak generators, such as bean sprouts, sprouting, and so on.

The use of technology in education, especially in the concept of learning, has changed the way of teaching and learning with traditional or conventional patterns to become new patterns, almost all using communication and information technology media. In this era, teachers must also master the skills and knowledge in using digital-based resources and tools in order to help students to get academic standards.

Hamid Muhammad stated that during the PJJ transition process, there will be two types of education, as listed below:

#### 1. Online Learning

Online is a term that serves to replace the familiar language used in relation to internet technology. Online activity refers to an internet connection to a network. Adventure learning can now be done online using a variety of different learning apps or learning website tools. Although it may seem simple, teachers still need to participate in the task through guided practice, learning apps or social interaction. While it may seem simple, the teacher still needs to participate in the task through mentoring, and she should also work

outside the home in coordination with the person next to her to ensure there are always opportunities for interaction.

Brave learning in this case is done by following the specific requirements of each school. When using a smartphone or laptop, educational media can also be accessed through a number of digital learning portals and apps that are very easy to use, such as Rumah Belajar, Zoom, Google Classroom, Live Chat, YouTube, etc.

From this, it is the online learning process that makes it an option for receiving assignments from students, delivering material, communicating. In online or online learning activities, there are several things that learners must have, including:

- a. Sense of purpose Learners at this level of study need to have a strong belief in order to carry out man-made learning. In addition, learners are encouraged to be independent and understand knowledge with a straight face.
- b. Technology-related literacy In addition to independence when learning, the success of this lesson can also be attributed to students' understanding of the technology they use. Before starting a course on a new course, every student must gain knowledge and understand the technology that will be used (online). All that is usually used as a tool for classroom teaching is a phone, laptop, or something else. The advent of the 4.0 era has made the use of certain websites or applications as a means of online sales more common.
- c. Minimum Standards of Interpersonal Communication For students to succeed in challenging courses, instructors must emphasize interpersonal and communication skills. To engage in interactions and create connections with others, you need interpersonal skills. Although online learning is done privately, as a social being, you must interact with others.
- d. Collaborate to understand by experiencing interpersonal interaction and collaboration. For self-directed learning to occur, a learner needs to be able to communicate with other learners and a teacher. To enable collaboration with the nearby ecosystem and other systems that support challenging learning, learners will receive instruction.
- e. Mandarin learning skills The hallmark of challenging learning is the capacity for self-learning. Self-learning skills are indispensable for this learning process. Because during learning, students will search, acquire and retain whatever has been taught in the personal environment.

## 2. Offline Learning

Offline is done by using the offline version of the word "offline" as a lure. In addition, this lesson can be combined with other lessons outside of online or not connected to the internet network. For example, meeting in person or learning using books owned by students. In this offline learning activity, it is connected in a network condition in a



battered coverage. In this case, teasing activities will not be successful using the internet network during the teaching and learning process.

## **2. What are the barriers faced in learning online media**

There are several barriers that occur in the online learning process:

- 1) Very limited technological information from students and teachers because not all teachers are capable and understand in using this technology we can see from teachers who were born before the 1980s. This constraint greatly limits them in using online media. Likewise with students whose conditions are almost the same as teachers who are not yet proficient in using technology.
- 2) Inadequate Facilities and Infrastructure Technology support devices are clearly expensive. There are many teachers in Indonesia whose economy is in a worrying condition. The welfare of teachers and students is the reason they are limited in enjoying the indispensable information technology facilities and infrastructure.
- 3) Unstable internet connections are still not active in remote pockets. According to this statement, neither primary nor secondary schools can access the internet easily. For another, the network may be unstable and unable to handle challenging media.
- 4) Lack of budget Since the welfare of students and teachers is rather far from expectations, costs can also be considered problematic. If they continue to use the internet as their school necessities, it is certain that they will find it difficult to pay the monthly fee because there is no monthly fee to purchase internet services. In using media today, there may be some people who are caught in a dilemma where, on the one hand, the need to motivate students to be productive must be addressed, while on the other hand, the financial resources and expertise of parents and teachers must also be considered. In addition, the country lacks the resources to accommodate the need for money felt across the country.

The negative impact of using internet media on children, children often neglect prayer, children become lazy to recite the Koran, if not given internet access children will tend to become more emotional, and children will become individuals who prefer to be alone and do not care about what is in the surrounding environment. There is also a positive impact of using internet media on children, namely children will find it easier to learn and do schoolwork because they can access educational videos for children on YouTube or on other sites that are educational.

In fact, today's teenagers' behavior has been influenced by the internet. The school and family environment is required so that children and adolescents are able to use the internet positively, especially for learning.

Online learning done at home must be supervised and controlled by parents as has been happening lately which has many positive and negative impacts, including:

- 1) Positive impact: Materials can be given or received anywhere and anytime, teachers and students can do learning activities, read, or do assignments while doing leisure activities and less stressed, most parents become literate in information and technology.
- 2) Negative impact: Cyber crimes that can attack online learning applications, ineffective teaching and learning activities, tasks that quickly accumulate, parents and teachers' mastery of technology is still lacking and low, limited kouta, signals, costs, and supervision of children and others. Especially in online learning that has been happening lately, technology really needs to be learned by all education stakeholders, especially in its utilization as online learning.

There are also obstacles in the learning process according to Mrs. Siti, always a teacher.

1. The material cannot be conveyed thoroughly by the teacher so that many children do not understand the material.
2. Many children are accustomed to having free activities without being bound by school time so that we have offline media, so the child is difficult to adapt again
3. The child relies more on social media answers such as google than learning or answering questions through textbooks.

Education is challenged by people living in small towns with limited access to email and the internet. The situation of Indonesia, which has many islands, makes challenging learning a challenge for education. How technology can be used, how to provide internet access in remote areas where electronics without internet access is still a luxury. Online learning should encourage students to be creative, access as much knowledge as possible, and produce work. Not just giving assignments every day. How can technology be used, how can remote areas with few internet connections, where buying electronics without internet access is a luxury, provide access to the internet. Online education should encourage students to be creative, access at least some basic knowledge, and be able to produce a career.

The author's analysis is in accordance with what has been described above that there are many obstacles that occur in online media learning both from the use of kouta, networks, there are also children who do not have cellphones which make it difficult to do online media learning.

The author concludes from the interview that the role of parents is very important in supervising children and must divide time for children so that they can supervise children during online-based learning, although there are obstacles in the learning process but if teachers and parents work together to guide children then everything will go well.

The author concludes from the interview that the role of parents is very important in supervising children and must divide time for children so that they can supervise children during online-based learning, although there are obstacles in the learning process but if

teachers and parents work together to guide children then everything will go well.

## CONCLUSION

From this research it can be concluded that, the role of parents and teachers in the use of online media is very important for children because basically children also need guidance both in the school environment and in the home environment, because if the use of online media children are not supervised it will have fatal consequences.

Children will be addicted to online media and want to always play cellphones so that their learning is reduced, children's learning will be reduced children will be increasingly lazy to learn, what more if this is allowed to damage the nation's generation, therefore it is very important the role of parents and teachers in guiding and supervising children.

Because from time to time the use of technology is getting more sophisticated, so we have to adapt to the times as well as learning can also now be through long distance or online and used if the teacher cannot attend teaching or is constrained by distance, it can be done online, but this online learning sometimes makes it difficult for children to understand the material provided because sometimes it is constrained by a slow network, a large cellphone quota, then a less active child.

It is not uncommon for parents to complain because of this online learning because previously parents only accepted their children at school then instead had to supervise their children during online learning, therefore teachers and parents must work together to supervise and guide children in learning, especially when based online.

## REFERENCES

- Achmad, Fedyani. 2009. Introduction to Social Theories. Jakarta: Yayasan Obor Indonesia
- Brillianting, P., and Hapsari, K.P. (2020). Higher Level Thinking Skills in Utilizing Youtube as Indonesian Language Learning Media. *Scientific Journal of Elementary School*. 4 (2), 282-289.
- Hariani, P.P. and Wastuti, S.N.Y. 2020. E-Learning Utilization in Distance Learning during the Covid-19 Pandemic. *Biblio Couns: Journal of Counseling and Education Studies*, 3 (2), Pages 41-49. doi:[https://doi.org/10.30596/biblio\\_couns.v3i2.4656](https://doi.org/10.30596/biblio_couns.v3i2.4656).
- Herliandary, L.D. et al. 2020. Learning during the Covid-19 Pandemic. *Journal of Educational Technology*, 22(1), doi:<https://doi.org/10.21009/jtp.v22i1.15286>.
- Khasanah, D. R. A. U., Pramudibyanto, H., & Widuroyeki, B. (2020). Education during the Covid-19 pandemic. *Sinestesia Journal*, 10 (1), 41-48.
- I. I. F. Shodiq and H. S. Zainiyati, "Utilization of E-learning Learning Media Using Whatsapp as a Solution Amid the Spread of Covid-19 at MI Nurulhuda Jelu," *Al-Insiyroh: Journal of Islamic Studies*, vol. 6, no. 2, pp. 144-159, 2020. Jakarta: UI, 1988

- Jhon W Creswell. 2010. Research Design Qualitative, Quantitative and Mixed Approaches. Yogyakarta: Student Library
- Moleong. J. Lexy, Qualitative Research Methods. Bandung: PT Remaja Rosdakarya, 2004
- Muwarna Yusuf, Intellectual and non-intellectual factors that affect learning outcomes. Putra Nusa, Qualitative Research Methods in Education, Jakarta: Raja Grafindo Persada, 2012
- R. D. Sasanti, "Problem Solving Assisted by Edmodo as an Effort to Increase Student Activeness in the Era of the Covid-19 Pandemic," Euler J. Ilm. Mat. Science and Technol., vol. 8, no. 2, pp. 60-69, Dec. 2020, doi: 10.34312/euler.v8i2.10417.
- R. Susilana and R. Cepy, Learning Media, Bandung: CV Wacana Prima, 2009.
- S. A. Hapsari and H. Pamungkas, "Utilization of Google Classroom as Online Learning Media at Dian Nuswantoro University," WACANA: Scientific Journal of Communication Science, vol. 18, no. 2, pp. 225-233, 2019.
- Sugiyono. 2013. Quantitative, Qualitative, and R&D Research Methods. Bandung: Alfabeta.