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Research Article

Information And Communication Technology- Based Learning Models In Islamic Religious Education

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ABSTRACT. Learning media is a very important factor in the teaching and learning process. Education emphasizes very systematic and strict control over the learning process, by giving educators the flexibility to develop strategies, methods and learning media. In fact, learning media can make it easier for educators to deliver subject matter and make it easier for students to understand the subject matter. Based on the reality above, researchers are trying to explore *Information and Communication Technology-based learning media models* in Islamic religious education. This research was made to find out ICT-based learning media in Islamic religious education according to husniyatus salamah zainiyati and to find out ICT-based learning models in Islamic religious education in today's digital era. The type of this research is library research, which is conducting a thorough study of the literature related to the subject matter, which in this case is *information and communicatin technology-based learning media*.

In this research the data obtained will be analyzed using descriptive analysis method. The data collected and compiled is then analyzed. This analysis is useful for the writer as a further exploration of the problem of ICT-based learning media models in Islamic Religious Education. The conclusion of this study is that *information and communication technology -based learning models* for Islamic religious education according to Husniyatus Salamah Zainiyati are computer-based learning, internet-based learning, and multimedia-based learning which are widely used as learning models in the current modern era, namely the era of covid-19 . The Covid-19 pandemic has forced educators to use internet-based learning or what we know as *E-learning* which has various variations of the online learning system.

Keywords: Learning Media, Islamic Religious Education, ICT.

INTRODUCTION

Learning media is a tool that aims to achieve the effectiveness and efficiency of the teaching and learning process. In addition, education emphasizes very systematic and strict control over the learning process, by providing flexibility to educators to develop strategies, methods and learning media (Munir: 2012). Learning media can make it easier for educators to deliver subject matter and make it easier for students to understand the subject matter. In accordance with the word of Allah SWT which means: Allah wants convenience for you and does not want hardship for you, "(QS. Al-Baqarah: 185).

Islamic religious education is defined as a conscious effort to prepare students to believe, understand, live, and practice the Islamic religion through activities, guidance, teaching, and training by taking into account the demands to respect other religions and relations between religious communities in society in order to realize national unity. Abdul Rahman: 2000). According to the explanation in Law Number 20 of 2003 Article 3, that the holding of religious education in schools has the intention of forming students into human beings who have faith and are devoted to God Almighty and have noble character.

The task of the educator is not only to transfer knowledge, but also to help students develop the desired competencies. In addition to having knowledge of scientific substance, educators also need to have the ability to motivate students to be able to carry out the learning process in a sustainable manner (Husniyatus Salamah: 2017).

In the teaching and learning process there are many factors that influence the achievement of learning objectives including educators, students, environment, learning methods and media. In fact, learning activities often occur when the teaching process runs and is ineffective. A lot of time, effort and money are wasted, but learning objectives cannot be achieved and there is even a disruption in communication between educators and students. The above is still often encountered in the learning process so far.

METHOD

In this study, researchers used a qualitative approach to the type of literature study. According to Jane Richie qualitative research is an attempt to describe the social

world and its perspectives in the world in terms of concepts, behaviors, perceptions and issues about something being studied (Moleong: 2006).

RESULTS AND DISCUSSION

Today science and technology is developing rapidly. The positive impact of science and technology is the more open and spread of information and knowledge which causes the world to break the boundaries of distance, place, space and time. His influence also extends to various aspects of life, including the field of education. Education is not allergic to the development of science and technology, but should be the subject or pioneer in its development. The negative impact is the misuse of science and technology, especially internet media for dirty things because its reach is very wide.

Education is an academic process whose goal is to increase social, cultural, moral and religious values, as well as prepare learners to face challenges and experiences in real life. Education is an organized and sustainable communication designed to foster learning activities in students. Students are able to develop their ability to find, manage, and evaluate information and knowledge to solve problems in the real world and participate actively in community activities in their environment. For this reason, effective and efficient learning is needed which makes students absorb information and knowledge and technology as part of themselves (Munir: 2012).

The use of technology in learning systems gives rise to electronic-based learning (*E-learning*) as a result of technology. One application of technology is information and communication technology. This information and communication technology-based learning has changed the learning system from conventional or traditional patterns to varied patterns, one of the developments in *information and communication technology media* has led to *e-learning*. In this varied learning pattern, students can choose learning materials based on their own interests, so that learning becomes fun, not boring, full of motivation, enthusiasm, attracts attention and so on.

Information and communication technology-based learning will run effectively if the educator's role in learning is as a facilitator. The role of educators is not the only source of information in teaching and learning activities. Educators not only transfer knowledge, but can also learn from students. Educators are not instructors who give orders or direct students, but rather become learning partners so that students are not reluctant to express opinions, ask questions or exchange opinions with educators. The learning process by utilizing information and communication technology is guidance from educators to facilitate learning effectively and efficiently. Educators provide great opportunities and create conditions for students to develop their own ways of learning according to their characteristics, needs, talents or interests.

Educators always play a creative and innovative role in producing various innovative works in the form of programs or hardware/software that will be used in learning. The role of students is not passive objects that only receive information from educators, but more active, creative and participatory in the learning process. Students do not only remember facts or re-express information they receive from educators, but are able to produce or find various scientific information (Munir: 2012).

Learning by utilizing information and communication technology takes place not only in one place, such as in a school or college, but can be done in a variety of different places. Learning does not only consist of one person, but involves many people. How to learn from students who are not limited by time and place is called information and communication technology-based learning. For this reason, distance learning models were born.

Quality education is determined by several factors. Theoretically, one of the elements that must be considered in designing an effective learning process is learning media. In addition, the learning process is also part of the communication process. Information and communication technology has an important role in today's life, especially in this era of the Covid-19 pandemic. The teaching and learning process is carried out indirectly or we are familiar with online learning. Many new problems have arisen with the use of online learning systems, apart from the difficulties faced by educators and students and even the parents of students who are involved in them, there are also many new variations in the process of teaching and learning activities. Learning media that are widely used today are:

1. Zoom Meetings

Zoom meeting is a video conferencing service that has practical capabilities in presenting an online meeting atmosphere. This application is equipped with a *Sharing Screen feature* which is able to facilitate the needs of teachers in presenting teaching materials like face-to-face meetings in conventional classes to students. (Mursyid Kasmir: 2020).

Through *zoom meetings*, distance learning *online makes learning more effective*. This is because *zoom meetings* provide video conferences that can be reached by all participants or educators and students. In addition, the video recording is secure and has a chat feature so that if someone has good hearing during a video conference, they can talk via *chat*. In the *zoom meeting*, you can also schedule the next meeting to be held. By utilizing *online learning*, this is of course a very innovative solution in the midst of the Covid-19 pandemic which requires people to *work from home*, including learning activities in lectures *online*. (Ismail Akbar: 2020).

2. Google Classroom

Google Classroom is an efficient portal service to make it easier for educators to manage teaching materials and assignments. In addition to making it easier for educators, from the student's point of view, *Google Classroom* is considered an internet quota-friendly online learning medium, because the pattern of access to online class services on the platform is created like social media, which does not require excess quota to access it. (Mursyid Kasmir: 2020).

Google Classroom is the most important communication technology in learning process activities. The greatness of communication technology is marked by the presence of *e-learning learning methods*. *Google Classroom* is a means of facilitating remote communication between educators and students, especially in Digital Content Management classes. Means for studying together, receiving and reading material, sending assignments remotely to presenting assignment grades transparently. All students involved in this learning process get equal opportunities.

Even though there are some who are not familiar with *Google Classroom* as a new learning method, the convenience provided makes it easy for students to operate. With the changed behavior, not using face-to-face classes but only *online classes*, then several things have happened. Changes in terms of time and place flexibility. It also contributes to the environment because it reduces paper piles and saves the earth. Active students can make the learning process even more interactive. However, not all students can become active participants because in digital classes there is no obligation and obligation to respond directly. Google Classroom users are fully aware of this for the learning process. Some want digital classes to continue to exist but are complemented by face-to-face classes so that the interaction continues well (Swita Amallia: 2019).

3. *WhatsApp Groups*

WhatsApp is an application that is currently widely used as a communication tool, including in the world of education, in this case educators and students. In an effort to support the continuity of the education and learning process, *WhatsApp groups* can be used as learning media, so that learning can take place without being limited by space and time. This means that learning is still carried out not only limited to face-to-face in class, but learning can also be carried out outside of class hours (Widya Genitri: 2019).

WhatsApp has various functions, including being able to send messages, group chats, share photos, videos and documents. However, the use of social media is not really used as a medium of literacy by students. Students only spend time with *WhatsApp* as a social media limited to sending messages, photos or documents that do not contain literacy at all. The influence of the COVID-19 outbreak has made learning methods different and shifted to online learning. Through the *WhatsApp group application*, an educator can share learning topics through the application and parents can respond to assignments from the teacher through the *WhatsApp group application*.⁶⁵ Learning media in today's modern era, namely the era of the Covid-19 pandemic, all learning media have become *information and communication technology -based media*, with an online learning system without face-to-face meetings between educators and students. The learning media used is *E-learning* by utilizing the internet network through tools such as smartphones or computers.

CONCLUSION

Information and Communication Technology -based learning media in Islamic Religious Education according to Husniyatus Salamah Zainiyati consists of computer-based learning, internet-based learning, and multimedia-based learning. Computer-based learning media is learning using PowerPoint presentation media which is a computer program for presentations and runs on a PC computer based on the *Microsoft Windows operating system*. Internet-based learning media is online learning or often called *E-learning* which can be used for distance learning with a very wide scope and even the whole world can access it. Multimedia-based learning is learning media that is designed using various media simultaneously such as text, images, film/video, sound/audio, animation, charts and graphs. There are several

media developments based on *Information and Communication Technology*, namely: Al-Qur'an *Flash* Program, Al-Qur'an in *Word* Program, Zakat Calculation Program, Inheritance Program, Caring for Bodies Program, and *E-Book Program*.

The learning model in today's modern era is the media model used by educators in the co-19 era. The Covid-19 pandemic made the face-to-face learning system online to prevent the spread of the Covid-19 virus. The learning media used is an internet-based learning model, namely *E-learning* using *Zoom Meeting*, *Google Classroom*, and *WhatsApp Group* which can display computer-based learning, namely *PowerPoint* online.

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