

Islamic Education And Learning Technology

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ABSTRACT

Technology advancements are inevitable in this day and age, and they have an impact on Islamic education as well. The education industry must keep up-to-date media and instructional strategies in line with information technology advancements in order to effectively implement learning technologies. Given that the current generation's learning preferences differ from those of past generations, it is critical to monitor the advancement of learning technologies. The purpose of this study is to comprehend the definition, advantages, and effects of learning technology on Islamic education. The process of gathering data involves reading and investigating books, journals, and other informational materials about learning technology, particularly as it relates to Islamic education. According to the data gathered, learning technology in Islamic education is a set of activities that are done in order to facilitate effective and efficient Islamic education learning. These activities include design, development, utilization, management, and assessment.

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INTRODUCTION

Technology is a tool, a means, or a means to help human activities be completed instantly and not in a long time. Social media for communications, marketplaces for online shopping, tractor machines for hauling saucers, and robots doing household work are some of the technologies we can feel in our lives today. The development of technology can be felt in the field of education, for example, in learning activities. Children born into the Alpha generation have different characteristics, namely, in the scope of education and socialization. Generational characteristics are heavily influenced by the culture, policies, and events that occur within the generation itself. For example, since the beginning of the Z and Alpha generations, we have been surrounded by various digital technologies. Therefore, Gen Z and Gen Alpha have become the generations that are most aware of the existence of technology today. Since childhood, the children of Gen Z and Gen Alpha have been living side by side with technology, so it is understandable that they grow up with the characteristics of things that are instantaneous, practical, as well as interesting visualizations. (Susilowati, 2023). Learning

technology has become an important part of learning so that learning results can be optimized. Through this, the teaching and learning process can be more meaningful to students. An important factor in the development of educational technology, especially in learning activities, is the change of times, the transition from the COVID-19 era, and technology that will not stop flourishing. Technological advances in learning activities using several social media such as Telegram, Line, and WhatsApp (Susilowati, 2023) Learning Islamic education can be done not only offline but also online. Today, the system of Islamic education has begun to develop. Today's generation can use applications like Al-Qur'an Indonesia, Zoom, and even TikTok to get to know Islamic education well without violating Islamic principles regarding language, clothing, food, and so on. Although the delivery of material looks modern, it still does not diminish the value of the religion being conveyed. These applications are expected to be an effective medium used to convey the teachings of Islam today. (Susilowati et al., 2023)

RESEARCH METHOD

The method used in this research is qualitative analysis with an approach of searching for written or previously existing data. According to Sugiyono, qualitative research is appropriate if it is used in the study of social reality. (Kushendar 2023). In addition, the research uses a phenomenological approach, namely the search for data in the form of literary documents such as scientific journals and articles deemed necessary and relevant to the topic discussed.

RESULT AND DISCUSSION

a. Understanding Learning Technologies in Islamic Education

Technology in terms of language comes from the word technology (yunani). Techno means art, skill, or skill, and logic means knowledge. Technology is the knowledge to make something (Susilowati, 2023). According to the CBI, technology means a rule or a scientific rule used to facilitate the activities of human beings, covering all the parts necessary for the continuation and comfort of their lives. (KBBI).

Learning is a mechanism that has the purpose of facilitating the student's learning process, encompassing a series of activities that are planned and organized as well as possible in order to influence and support the occurrence of the learning process in the student. (Susilowati, 2023).

With regard to learning technology, the definition continues to evolve in accordance with the progress of learning technology studies, starting from learning technology as a medium, field, and process to learning technologies as the scope of science and poetry

(Susilowati, 2023). Learning technology is an effort made in a structured manner that includes the planning, implementation, and evaluation of all learning activities in order to a specific goal, based on research on teaching learning activities and individual interactions using the combination of individual and individual resources so that the learning process can run at maximum. (Susilowati, 2022).

This is important, given that the present generation prefers something that is practical and interesting visualization, so it is expected with the presence of learning technology, the Islamic educational material given can be more meaningful for students.

Based on the explanations presented, it can be concluded that learning technology in Islamic education includes various efforts carried out deliberately in order to facilitate the process of Islamic learning so as to the expected learning results.

b. Benefits of Learning Technology in Islamic Education

1) Benefits of learning technology on Islamic education

According to the 2004 AECT, educational technology is the examination and application according to applicable standards in an effort to facilitate learning activities and enhance performance by creating, utilizing, and regulating the right stages of technological resources. Based on this theory, we can conclude that the use of technology in teaching learning activities is essential as a medium in learning activities. Implementation of technological developments in Islamic religious education requires adaptation so that students and teachers can feel the impact of improved technology in learning. Furthermore, in the application of this technology in the education of Islamic religion must be in accordance with the purposes and syari 'at-syari' and Islamic religions and can be perfectly utilized in the learning of the Islamic education. (Susilowati et al., 2022).

Educational technology can help teachers in delivering instructions to students, thus minimizing the occurrence of misunderstandings in communicating materials or information. Through technology, material or information delivered can be obtained students quickly and accurately. Moreover, the use of technology for students can give both teachers and students the freedom to study wherever they are. (Susilowati et al., 2022). In this case technology has advantages among them:

- a) Facilitating learning when there are obstacles that cannot be done face-to-face.
- b) The learning process becomes more interesting because of the variation in technology.
- c) Helping students to access wherever they are
- d) The learning process can be re-examined if not understood

2) The benefits of technology in Islam

Technology has become part of the needs of all societies of today's era, including in the process of Islamic learning. Islamic education is greatly helped by the presence of technology. One of the advantages of technology is as a medium of communication between teachers and pupils without limitation of time and space. For example, learning using e-learning, zoom, meet, and so on. Here are examples of the benefits of technology in Islamic learning:

- a) Seeing the kiblat direction using the compass.
- b) Watching videos about religion.
- c) Reading the Quran in the application.
- d) Sharing religious science through technology.

3) The benefits of technology in Islamic learning

One indicator of the progress of an era is the advancement of technology. The world of education has become one of the things that really needs technology. Islamic education needs to follow this development in terms of its application, so that all its goals can be achieved in the future. Educators and students must be able to understand and master the function of a technology that will be used in the learning process so that what is desired can be easily achieved. In addition to the use of such things, educators and students must include the importance of upholding the values of Islamic teachings. The statement means to follow the times but still remain on the path of the sharia'at. In the end, the knowledge acquired produces prosperity in every process.

Other facilities obtained by using learning technology are the ability to access theory and materials electronically such as e-books, journals, papers, and essays. We can also design writing to be more interesting so that readers are interested in reading it (Susilowati et al., 2023). Perfect learning requires the skills of teachers in choosing what technology is most appropriate to use when learning teaching. (Susilowati et al., 2023). This technology also plays an important role for users. These important roles include:

- a) Providing good needs for both educators and pupils. The way is to go through the planning steps and then undertake in-depth preparations in accordance with the purpose of the use of technology.
- b) Implementation. In this section, teachers can understand the use of learning technology in line with the present era.
- c) Evaluation In the learning process there is an evaluation term which means all the efforts made to find out to what extent the student's understanding of learning

process. In addition, educators can also assess whether the learning objectives are achieved to the maximum with the use of such technology or not.

c. Impact of Technological Development in Islamic Education Learning

Educational technology evolved along with the evolution of the times. Recently, technological developments in the world are so rapid that other aspects are required to adapt and keep up with existing developments, as well as to start a new life that is more digital and sophisticated than it was a few years ago. Today's developments affect a wide range of aspects of life, especially on learning technology. Learning technology demands that the field of education change past ways of improving education technology with more modern methods and adapting to existing technological developments.

From the point of view of history, the beginning of the emergence of educational technology came from films that were played for the United States military in World War II. Subsequently, it turned into educational technologies like the present that have evolved with the times and we can enjoy to this day. However, we need a wise attitude of ourselves in the face of technological developments to fit our needs and not exaggerate in using them.

The technological changes that are present today must have influenced all aspects of education in particular. The influence of the changes in education technology in particular in the Islamic aspect of education has good and bad influences, among them:

a) Good influence.

- ✓ Make it easier for each teacher to provide learning materials especially online learning so that it can efficiently use time.
- ✓ Make it easier for each student to learn independently and find a variety of learning materials and references.
- ✓ Facilitates various activities, especially those related to learning and is more easily conditioned.

b) Bad influence.

- ✓ Do not focus on following learning. For example, when learning is going on, students open their social media such as Facebook, Instagram, and so on.
- ✓ Can create anti-social attitudes and vulnerable to misunderstandings of all kinds of things. Fear can change or even destroy morality, ethics, morals, and beliefs of everyone.
- ✓ Reduced writing and reading habits.

- ✓ Influenced by news or issues that are easily circulated and many follow Western cultures.

John Holt (1967) argued that learning activity would increase if the student performed some of the following steps:

- ✓ Give an opinion on the material and communicate
With the words they put together. It is easy for the teacher to see if the student understands or not the material given.
- ✓ Give an example.
Giving an example to a discussion material will further enhance the student's understanding of the given material.
- ✓ Introducing various forms of situations and perspectives.
Introducing students to different views, or simply not looking at things from one point of view but from many different points of view.
- ✓ Analyze information by looking at facts and other ideas.
- ✓ Use information or other facts so that students can see a problem with a broad thinking.
- ✓ Using a variety of learning methods or using interesting methods will make students not bored with the ongoing learning so that students understand the given material more quickly
- ✓ Predict a number of consequences.
Analyze or predict the consequences of what they do or what they choose to call an opponent or vice versa.

CONCLUSION

Technology is the scientific principle of acquiring something useful; the application of knowledge or means of providing things or things necessary for the survival and peace of an individual's life. As a result of the development of the times, many technologies emerged that dried up human work. Learning technology in Islamic education encompasses various efforts that are deliberately made to facilitate the PAI learning phase so as to achieve the desired learning objectives. Islamic education teaches students to recognize, understand, feel, believe, obey, behave well, and conduct Islamic teachings according to the provisions of the Qur'an and Hadith. This is achieved through guidance activities, training, and the experiences of each student. The advantage of technology is that it enables teachers and students to communicate without limitation of time and space and is expected to be able to use existing technology as best as possible so that it can adapt to existing technological developments.

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