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**Integration of Learning Media and Technology in Islamic
Religious Education Subjects**

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Abstract

In the learning process, media and technology are needed, this is to help a teacher, both in conveying knowledge, inculcating values and mastering skills. Especially in an era that is so sophisticated today, in carrying out learning, especially in Islamic Religious Education (PAI) subjects which when it still looks normative, it takes the ability to manage the media and technology well. The purpose of writing this article is to explain the importance of integrating media and technology in PAI learning in order to make learning that has been normative so far become innovative, creative and effective. The results of the research that the author can describe are several, namely explaining the integration of technology-based learning media in PAI lessons, the role of integration of technology-based learning media, the principles of the PAI learning process that utilize learning media as a means of supporting the success of PAI learning activities and the importance of integrating media and technology in learning as a solutions in improving the quality of education, both facilities and infrastructure, learning resources or even an educator in this case the teacher.

Keywords: Learning Media, Integration, Technology, Islamic Religious Education

**Integrasi Media Pembelajaran dan Teknologi pada Mata
Pelajaran Pendidikan Agama Islam**

Abstrak

Dalam proses pembelajaran, dibutuhkan yang namanya media dan teknologi, hal ini guna membantu seorang guru, baik dalam penyampaian pengetahuan, penanaman nilai dan penguasaan keterampilan. Khususnya pada era yang begitu canggih hari ini, dalam melaksanakan pembelajaran, apalagi pada mata pelajaran Pendidikan Agama Islam (PAI) yang saat masih terlihat normatif, dibutuhkan kemampuan untuk mengelola media dan teknologi tersebut dengan baik. Tujuan dari penulisan artikel ini yaitu memaparkan pentingnya integrasi media dan teknologi dalam pembelajaran PAI guna menjadikan pembelajaran yang selama ini bersifat normatif menjadi inovatif, kreatif dan efektif. Hasil penelitian yang dapat penulis paparkan ada beberapa yaitu menjelaskan integrasi media pembelajaran dan teknologi pada pelajaran PAI, peran integrasi media pembelajaran berbasis teknologi, prinsip proses pembelajaran PAI yang memanfaatkan media pembelajaran sebagai sarana penunjang suksesnya kegiatan pembelajaran PAI dan Pentingnya integrasi media dan teknologi dalam pembelajaran sebagai solusi dalam memperbaiki mutu pendidikan, baik sarana dan prasarana, sumber belajar atau bahkan seorang pendidik dalam hal ini guru.

Kata kunci : Media Pembelajaran, Integrasi, Teknologi, Pendidikan Agama Islam.

PRELIMINARY

Learning activities are a conscious human effort in obtaining knowledge (cognitive), attitudes (affective), and competencies to be achieved (Psychomotor) (Pane & Darwis Dasopang, 2017). Slavin in Wahyuni (2015) explains that the point of learning is how students can create their own atmosphere actively, by motivating themselves in learning. With the encouragement of a sincere will, a person can achieve three aspects, namely knowledge, attitudes, and skills to the maximum, of course this cannot be separated from the important role of learning media as a tool to facilitate someone in the learning process (Mahnun, 2012).

In this modern era, the quality of education, especially a teacher, must be ready to face technological developments that are so fast, and today education has entered the era of the industrial revolution 4.0 which is completely automated (Daud et al., 2019). While in the realm of PAI, the discussion of the material and its delivery, there are still many highlights of orthodoxy and lack of enthusiasm for welcoming renewal within the scope of our society's social culture (Choli, 2020).

According to Hoyles & Lagrange in Putrawangsa & Hasanah (2018), digital technology is something that is very influential on the world's education system for today's era. Due to educational affairs become more efficient, effective and innovative. Today's technology has an influence in education related to the use of media, especially in the learning process. Gagne and Briggs in Rodhatul (2009) explain that media with limited physical tools can be used as a transmitter of information in the form of subject matter. The media can be in the form of objects such as books, picture slides, video cameras and recorders, graphics, television.

With very rapid progress, especially in the field of technology, the concept offered by Gagne and Briggs can shift to media. In this century, with the advancement of technology so fast and rapidly. Previously, these developments occurred only in the industrial sector. Not only that, now in the field of education it is also required to develop technology to prepare graduates who can have qualified human resources (HR) in facing this modern era, with good knowledge and competence of course (Danim, 2019).

In the educational process, the media is not only a physical tool as in the concept of Gagne and Briggs. But also many types of media such as social media, interactive media. Thus, the media concept that is more relevant today is in the opinion of Gerlach and Ely, which includes materials, equipment, even people, or activities that can direct, assist and create conditions in the learning process that allow students to acquire cognitive, affective and psychomotor skills (Sanjaya, 2007). 2014).

The development of this super-fast technology requires Islamic Religious Education (PAI) to have to apply media and technology in the learning process, so that PAI learning which has been considered a boring learning by using conventional learning media, such as blackboards and learning methods that mostly use traditional learning methods. lectures, can be transformed according to the demands of today's era. Talking about technology-based learning media in today's era, and how it is integrated with PAI learning, which has been known to be conventional and lagging behind, is a very interesting conversation.

Recently, the use of technology-based learning media in PAI learning has also begun to be seen and some schools that have implemented it feel successful. As in Ahmad

Zabidi's research (2019) which states the increase in teacher creativity, and the ease of the learning process and administration in the form of a lesson plan (RPP) or syllabus when using media and technology to support the PAI learning process. This opinion is supported by other research from Dwi Priyanto (2014) which confirms that the integration of PAI with science and technology can be carried out as well as possible as an effort to strengthen Islamic religious education materials, and as a means of clarifying problems that arise in the delivery of Islamic religious education materials which in Initially, it was dogmatic, as well as an increase in the sense of faith in the truth of everything that was conveyed by the Qur'an and Hadith.

So, from some of the problems and previous research described in the previous paragraph. The author needs to study further regarding the importance of integrating technology-based learning media in the PAI learning process. From this concept, the author takes the title Integration of Learning Media and Technology in Islamic Education Subjects.

RESEARCH METHODS

To explain the importance of integrating learning media and technology in PAI learning, the study described in this paper is based on an analysis of relevant or appropriate sources. The selection of sources is carried out by taking into account two provisions, namely, the reading sources used as references have direct relevance to the problem to be revealed and the contents of the reading sources used in this study can be trusted both in terms of validity and credibility.

The methodology used in this research is a qualitative method with a study in the form of Library Research or literature review. Literature review in scientific research means placing and concluding theories and concepts that can later provide a framework for explaining a topic in a study. The process is described with the aim of finding out more about the research that is the focus of the author regarding the existing literature.

RESULTS AND DISCUSSION

Definition of Integration of Learning Media and Technology in PAI Lessons

The word media comes from the Latin *medius* which literally means "middle", "intermediary" or "introduction" (Azhar Arsyad, 2010). Teaching media is defined as everything that can be used to channel messages or lesson content, stimulate the thoughts, feelings, concerns and abilities of students, so as to encourage the teaching and learning process.

In the 1950s, the media was also referred to as an audio-visual aid, because at that time the role of the media was solely to assist teachers in teaching. But gradually, his name is more popular as a medium of teaching or learning media. Various forms of media can be used to improve the learning experience in a more concrete direction. Teaching using the media is not just using words or verbal symbols, so it is hoped that the results of a more meaningful learning experience for students will be obtained.

Furthermore, it is more specific about the definition of learning media, namely tools and materials that can be used in order to achieve educational and learning goals such as radio, television, newspapers, magazines and so on. However, when there are things that allow students to gain knowledge, it can also be referred to as learning media.

While technology is an activity that utilizes science with the aim of facilitating an activity or process in the industrial sector, both in the realm of agriculture, medicine, trade and so on. Technology can be defined as the process of handling a technical problem based on scientific studies such as the use of electronic equipment, machinery and so on (Nuryana, 2019). Simon in Siahaan et al (2020) clearly states that technology is a human effort to harmonize the natural and artificial environment. That way, humans need technology for the use of the environment in life, especially in the field of education.

Islamic Religious Education (PAI) according to (Muhaimin, 2010) is one part of Islamic education. While Islamic education itself contains theories compiled based on the Al-Quran and Hadith. According to H. M. Arifin in Choli (2020) Islamic education is a system that regulates and delivers students in mastering abilities, especially the ability to be leaders, more specifically leaders themselves.

Furthermore, the discussion about integration, simply integration is the existence of continuity, harmony, and connectivity between media and technology in PAI learning. The integration of technology-based learning media is an alignment, continuity, and connectivity between learning media in the form of tools and materials or other things that can help students gain knowledge, master skills, and have a good attitude, with technology in the form of methods or processes for handling problems in learning. learning with the principle of scientific studies in order to create students who have leadership attitudes and Islamic values that reflect the character in accordance with the Al-Quran and Hadith.

The Role of Integration of Learning Media and Technology in PAI Lessons

The integration plays a very important role related to the continuity of learning media and technology in PAI lessons. Basically, this role is an attempt to combine technology and media with PAI in the context of the quality and quality of PAI learning and the results achieved by students. Therefore, integration changes a learning model which is usually in the form of transfer of knowledge, into learning that is creative and innovative as well as fun. However, learning does not leave Islamic values that students must later have, as provisions in living life.

In a study, there were several innovations provided by PAI teachers in creating a more interesting, fun and easy-to-understand PAI learning atmosphere for students. This is stated in his research Zabidi (2019), which contains:

1. Combining learning materials with the internet
2. Explain the lesson or material with power point
3. Explain worship materials such as prayer movements, ablution and so on, with video tutorials
4. Explaining Islamic history videos with story videos.

The results obtained from the use of the integration of learning media and technology in PAI learning are a pleasant classroom atmosphere, students are easier to manage, and students' focus on lessons is higher.

Functions of Integration of Learning Media and Technology in PAI Lessons

In a journal written by Abdul Wahid entitled the importance of learning media in improving learning achievement quoted from his book Azhar Arsyad (Azhar Arsyad, 2010), explains that there are several functions of learning media and technology, namely:

1. The function of AVA (Audiovisual Aids or Teaching Aids), serves to provide concrete experiences to students
2. Communication function. That is, the media in this case is in the middle between two things, namely those who write and create media (communicators or sources) and people who receive them (read, see, hear).
3. Attention Function. The core function of visual media is to attract and direct the attention of students to concentrate on the content of the lesson related to the visual meaning displayed or accompanying the text of the subject matter.
4. Affective Function. That is the function of visual media that can be seen from the level of enjoyment of students when learning or reading illustrated texts. Visual images or symbols can arouse the emotions and attitudes of students, for example information concerning social or racial issues
5. Cognitive Function. That is the function of visual media as seen from research findings which reveal that visual symbols or images facilitate the achievement of goals to understand and remember information or messages contained in images.
6. Compensatory Function. That is the function of teaching media as seen from the research results that visual media provide context for understanding texts and help students who are weak in reading to organize information in texts and recall them.

Success Factors for Integration of Learning Media and Technology in PAI Lessons

The success of the integration of learning media and technology cannot be separated from several factors. The factors that encourage the integration of learning media in PAI subjects are;

1. We know that the Indonesian nation is a large nation with a population of 269.6 million people. It has a variety of patterns, both religion, culture and language. In this modern era, all society uses technology. Although in general it is still at the level of use that is still far behind other countries which are already at the stage of technology designers and producers of information components, information technology, especially in the computer sector (Nuryana, 2019). Despite rapid developments in technology and industry, other fields have also been affected by these developments. One of them is the field of education.
2. That today education is in the era of the industrial revolution 4.0. One of the important characteristics of RI 4.0 is the occurrence of a digital revolution in society. Many technological products are used in the educational process. Starting from administration, infrastructure, and more specifically on learning media. All of these things aim to save time and make a process in education successful (Daud et al., 2019).
3. Religion and science (science) are actually integrated and interrelated. Allah SWT promises to elevate the degree of people who have faith and knowledge. The integration between Islamic scholarship and general science has developed recently. Thus, the dichotomy between sciences is no longer valid in the world of education.

This statement is based on the verse of the Qur'an, Surah Ar-Rahman. The Qur'an stimulates humans to develop knowledge and humans are welcome to traverse the heavens and the earth, as His word in Surah Ar-Rahman verse 33: "O congregation of jinn and humans, if you are able to penetrate (cross) the corners of the heavens and the earth, then cross, you cannot penetrate it except by force", (Edison & Fathurrochman, 2020).

4. The weakness of PAI in its implementation has a number of problems. With regard to the aspect of the PAI learning methodology which is classical in style and is not friendly to technological developments. The orientation which is only normative, theoretical and cognitive makes the learning process rigid, monotonous, and the role of students is passive during the learning process. The teacher only limits the material presented in relation to religious knowledge, and does not have the ability to interact with non-religious subjects.

Departing from some of the problems and factors above, PAI must have a solution for these problems by fulfilling aspects that are still untouched by PAI. More specifically, what will be discussed in this paper, we can see from the factors of PAI learning methodology, PAI facilities such as books and teaching materials, and the last is human resources, in this case teachers who master technology. The integration of media and technology in PAI learning is a solution in overcoming these problems.

Use of Learning Media and Technology in PAI Lessons

1. Multimedia Presentation

Multimedia presentations are used to explain theoretical materials, used in classical learning with a study group of more than 50 people. This media is quite effective because it uses a multimedia projector that has a fairly large transmit range. The advantage of this media is that it combines all media elements such as text, video, animation, images, graphics and sound into a single presentation, so as to accommodate students who have visual, auditive and kinesthetic types. This is supported by hardware technology that has developed for a long time, has made a very large contribution to presentation activities, currently technology in the field of computer engineering has replaced the role of presentation tools in the past.

2. Interactive Multimedia CD

Interactive CDs can be used in learning in schools because they are quite effective in improving student learning outcomes, especially computers. The nature of this media besides being interactive is also multimedia, there are complete media elements which include sound, animation, video, text, and graphics.

3. Learning Videos

In addition to interactive CDs, videos include media that can be used for learning in schools. This video is interactive-tutorial guiding students to understand a material through visualization. Students can also interactively participate in practical activities as taught in the video. The use of video programs in schools is suitable for teaching a process.

CONCLUSION

The importance of integrating media and technology in learning stems from various problems and factors in education. Such as the quality of education, both facilities and infrastructure, learning resources or even an educator. Not only that, in PAI the normative learning process also creates its own problems in this advanced technology era. The presentation is dogmatic, too monotonous and seems boring. Therefore, mastery of technology and the use of PAI learning media is absolutely necessary.

These two things can be integrated and applied in PAI learning to achieve learning objectives effectively and efficiently. It would be wise for a teacher to make the integration of media and learning technology as a method to create a learning atmosphere that is fun, interesting, innovative and does not leave Islamic character values in PAI learning.

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