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## **BALTIC JOURNAL OF LAW & POLITICS**

A Journal of Vytautas Magnus University  
VOLUME 16, NUMBER 3 (2023)  
ISSN 2029-0454

Cite: Baltic Journal of Law & Politics 16:3 (2023): 870-875  
DOI: 10.2478/bjlp-2023-0000067

### **Ict-Based Pai Learning Model**

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Received: December 11, 2022; reviews: 2; accepted: January 16, 2023

#### **Abstract**

This research is motivated by the demands for teachers to carry out ICT-based learning. This research is a type of field research or research field. The technique used in collecting data in this study using interview techniques, observation, and documentation. Then deep data analysis using descriptive qualitative method, namely the data collected then analyzed so that it becomes a conclusive unity with using an inductive approach. The results of this study are PAI learning at SMK Ad-Dimyati is not optimal. This is evidenced by the uneven internet facilities in each class, the alternate use of LCD projectors and the lack of availability of other audio-visual media. Learning is still carried out using a lecture and discussion approach based on the PAI module teaching materials provided by the school.

#### **Introduction**

The development of ICT (Information, Communication, and Technology) or what is commonly interpreted in Indonesian with ICT (Technology, Information, and Communication) or also known as multimedia has great potential in changing the way a person learns, obtains information, adapts information. etc. Multimedia also provides opportunities for education to develop learning techniques so as to produce maximum results. Therefore, teachers are required to have competence in order to maximize the function of ICT as a learning medium and apply to all subjects, including the subject of Islamic Religious Education.

The purpose of Islamic education is to guide and educate someone to understand Islamic religious teachings (Sinurat; Kosasih, F et.al: 2022). It is hoped that they will have thinking intelligence (IQ), emotional intelligence (EQ) and spiritual intelligence (SQ) for the provision of life towards success in the world and the hereafter. Maka dari itu PAI merupakan salah satu mata pelajaran yang membutuhkan perhatian khusus dalam rangka memenuhi ketercapaian pembelajarannya.

Learning media is anything that can convey and distribute messages from planned sources so as to create a conducive learning environment where recipients can carry out the learning process efficiently and effectively (Munadi, 2008). While ICT (Information and Communication Technology) is an information and communication technology system, it is one that can be used as a learning medium used in the teaching and learning process.

Learning media with the use of ICT in PAI subjects is clear evidence of the use of innovative learning media. PAI learning is one of the subjects that is considered boring and less interesting for some students who incidentally lack interest in memorizing or listening too long. With the use of ICT-based learning media, it is hoped that it can be an alternative as an innovative and creative learning media in PAI subjects.

This study aims to find out: 1) Implementation of ICT-based PAI learning at Ad-Dimyati Vocational High School Bandung, 2) Problems in implementing ICT-based PAI learning at Ad-Dimyati Vocational School Bandung and 3) Solutions for ICT-based PAI learning at Ad-Dimyati Vocational School Bandung.

### **Method**

This research is a type of field research. The technique used in collecting data in this research uses interview, observation, and documentation techniques. Then in the data analysis using a qualitative descriptive method, namely the data collected and then analyzed so that it becomes a conclusive entity using an inductive approach.

### **Result and Discussion**

Islamic Religious Education in schools has a very important role in shaping students in the future, the better the learning process takes place, the better the students absorb the objectives of the PAI learning. According to (Sudarsanto & Yundra, 2020) that the more advanced technology and the more discoveries in science certainly demand that the learning process develops, the impact is that the curriculum must also be more comprehensively structured to accommodate the times.

Learning based on ICT (Information and Communication Technology) is an option to try in the language learning process Indonesia. An educator who professionals must use the media innovative learning in order to be able to helping and facilitating the participants learn to understand the material given.

The Internet is one part from ICT (Information and Communication Technologies). Internet is a current technology field growing rapidly, even almost entirely people today know the internet students are no exception, students also become one that benefited because current developments on the internet. Benefit ICT-based learning media (Information and Communication Technology) in PAI as follows: 1) Attract students' attention, magnetting spoiled with ease in all fields, no except in the field of education. At this time all students already know internet, wherever and whenever the internet has become a friend for the student. The Internet is one part of ICT (Information and Communication Technologies). All students interested in the internet, then from that educators can make the internet as a PAI based learning in order interested students. 2) Learning becomes fun, educators can make social media as one of the enjoy PAI learning so students will easy to understand learning delivered by educators. 3) Learning becomes easier Currently the community is spoiled by the ease with technology development and increasingly rapid communication is not except for students. Internet make it easy for students to get the material fast and easily. In learning an educator must provide

opportunity for students to get material via the internet however from a trusted source.4) Provide more knowledge to students, 5) The Internet makes communication easy, in this case if a teacher while there are interests that are not can be left by students assigned a task and sent it to blog or social media respectively.

### **Implementing ICT-based PAI learning at Ad-Dimyati Vocational School Bandung**

Based on observated, at SMKN Ad-Dimyati there is no ICT (Information and Communication Technology) learning media yet. Less attractive learning model with Power Point media. Less than optimal learning outcomes so teachers often hold remedial to improve student grades.

The purpose of this research is to produce ICT-based learning media for PAI subjects that are suitable for use in terms of three aspects including: (1) The validity of ICT-based learning media (Information and Communication Technology) applied to the Application of Electronic Circuits subject; (2) The effectiveness of ICT (Information and Communication Technology)-based learning media applied to the Application of Electronic Circuits subject is viewed from student learning outcomes; (3) Practicality of ICT (Information and Communication Technology)-based learning media applied to subjects.

Musfiquon (2012) learning media can be defined as a tool in the form of physical or non-physical which is deliberately used as an intermediary between teachers and students in understanding learning material to be more effective and efficient. ICT in learning is known as educational technology, UNESCO officially uses the term ICT (Information and Communication Technology) which is then adopted into Indonesian to become information and communication technology or ICT.

### **Problems in implementing ICT-based PAI learning at Ad-Dimyati Vocational School Bandung**

Based on finding the research, The PAI learning at SMK Ad-Dimyati is not optimal. This is evidenced by the uneven internet facilities in each class, the alternate use of LCD projectors and the lack of availability of other audio-visual media. Learning is still carried out using a lecture and discussion approach based on the PAI module teaching materials provided by the school.

From several classes that were observed, almost all classes carried out independent learning, learning was still teacher-centered so that students were not given the opportunity to explore PAI learning. Learning activities are still dominated by teacher lectures, learning practices are carried out in the form of kinesthetic methods by discovery learning on certain materials such as practice lectures, speeches, funeral prayers and others.

Meanwhile, material for the history of Islamic civilization, stories of examples from friends, or materials for interpreting the Qur'an and hadiths are still carried out independently. Students record what is explained by the teacher and the teacher in the end assigns students to memorize what they have learned.

### **Solutions in implementing ICT-based PAI learning at Ad-Dimyati Vocational School Bandung**

Drucker in Heinich in Syafarudin (2019) provides an interesting statement about the relationship between educators and educational technology which has a major influence on the quality of education. "Learning and teaching are going to be more deeply affected by the new availability of information than any other area of human life. There is a great need for a new approach, new methods, and new tools. In teaching, man's oldest and most reactionary craft. There is great need for a rapid increase in learning. There is above all, great need for methods that will make the teacher effective, and multiply his or her efforts and competence. Teaching is in fact, the only traditional craft in which we have not yet fashioned the tools that make an ordinary person capable of superior performance".

Drucker that learning and teaching will be more influenced by the availability of new information than any other aspect of human life. There is at least a major note for all elements of society related to education, especially educators, namely new approaches, new methods, and new tools in teaching, the oldest and most reactionary human craft. There is a great need for increased rapid learning. What is especially needed is a method that will make educators effective, and multiply their efforts and competencies.

Syafaruddin (2019) explains that the process of teaching and learning or teaching is an activity that is included in a system in schools (macro). But on a micro level, in the classroom the teaching process also enters the concept of a system, because it includes management processes, curriculum, teachers, students, methods, media and others.

It cannot be denied that the Indonesian people are entering a period when information technology becomes a very important part of human life. Currently, information is a "primary commodity" that people need, along with the increasing sophistication of information and communication technology, so that it is commonly said that civilization at this time is the civilization of the information society. The response of the world of education to the era of globalization has encouraged the emergence of school variants that only offer an information technology-based education system. One of the factors that show the adaptive attitude of education towards globalization is its use learning based ICT.

Schools like this do have advantages that are not shared by other schools in general. The vision carried out is certainly intended to deliver students so that they are ready to compete in the era of globalization. One thing we must not forget is that the logic used is that the costs incurred are directly proportional to the facilities and means available and the comfort that students get (Anwar, 2015).

In today's modern era the development of information and communication technology has entered all lines of human life including in the world of education, it can be seen that there are so many technologies that can be used in the learning process. In fact, according to Tandeur (2006), "Information and Communication Technology (ICT) plays an important role in society when we take account of the social, cultural and economic role of computers and the internet." importance in society when we take into account the social, cultural and economic role of computers and the Internet.

With so rapid technology and information, of course, have both positive and negative impacts. This is what underlies Suryadi (2007) suggesting that effective learning must be reformed with the criteria of nine important points, one of which is integrating technology in learning.

This statement is emphasized by Rahim (Sudarsanto& Yundra: 2020) that ICT is very much needed in learning in the current era. With the principle of using ICT that is effective and efficient, optimal, interesting, and stimulates creativity, ICT is one of the learning media that is widely used in various fields of education because it increases the effectiveness and efficiency of the learning process.

This is in line with Muntjewerff's statement in (Sudarsanto& Yundra: 2020), that technology in the learning process aims to increase effective and efficient learning by acquiring knowledge and skills according to the field of study being taught. Today, many studies have been conducted related to the effectiveness of the use of ICT in improving student learning outcomes. Among them is research conducted by Rusmana and Isnaningrum (2012) which shows that there is a significant influence between the use of ICT media in increasing students' understanding.

Meanwhile, Vocational school teachers can maximize the use of multimedia in learning, especially in materials that require in-depth understanding. Some of the utilization of ICT that can be done include:

- 1) Optimization of Internet Capacity that is evenly distributed, and easily accessed by all students and teachers

- 2) Teachers design learning based on the use of multimedia they have
- 3) The Principal provides a special multimedia room that can be used by all students who need a deeper understanding.
- 4) The Principal facilitates LCD projectors that are evenly distributed in all classes
- 5) The teacher applies ICT-based learning to all PAI materials to then complement them with best practices

### **Conclusion**

Thus it can be concluded that PAI learning at SMK Ad-Dimyati is not optimal. This is evidenced by the uneven internet facilities in each class, the alternate use of LCD projectors and the lack of availability of other audio-visual media. Learning is still carried out using a lecture and discussion approach based on the PAI module teaching materials provided by the school.

### **References**

- Anwar, Khoirul. Implementasi Pendidikan Global Berbasis Komunitas. Semarang: Pusat Penelitian IAIN Walisong. 2015.
- Kosasih Fitriyani, Priawan, Rahmat, Abduh4 , Darmawan, Aziz (2022), Dynamics of Curriculum Development in Islamic Religious Education Learning at MA Syarif Hidayatulloh. 2755-2762
- Munadi, Yudhi. 2008. Media Pembelajaran, Sebuah Pendekatan Baru. Jakarta : Bumi Aksara.
- Munadi, Yudhi. 2008. Media Pembelajaran, Sebuah Pendekatan Baru. Jakarta : Bumi Aksara.
- Musfiqon. 2012. Media dan Sumber Pembelajaran. Jakarta: Prestasi Pustakaraya.
- Rusmana, Indra Martha dan Idha Isnaningrum. 2012. Efektivitas Penggunaan Media ICT Dalam Peningkatan Pemahaman Konsep Matematika. Formatif. 2(3):198-205
- Sinurat, J. (2022). Pengembangan Moral & Keagamaan Anak Usia Dini. Bandung: CV Widina Media Utama
- Sudarsanto, Eko dan Yundra, Eppy (2020). Pengembangan Media Pembelajaran Berbasis ICT (Information and Communication Technology) Pada Mata Pelajaran Penerapan Rangkaian Elektronika Kelas XI Di SMKN 1 Jabon Sidoarjo. 9(1). 49-56
- Suryadi. Ace. Pemanfaatan ICT Dalam Pembelajaran. Pendidikan Terbuka dan Jarak Jauh. 2007.
- Syafaruddin, Manajemen dan Strategi Pembelajaran, Medan: Perdana Pubishing, 2019.
- Tandeur Jo, etal. Curricula and the use of ICT in education: Two worlds apart, British: Journal of Educational Technology. 2006.