

# **Implementation of ICT (Information, Communication, and Technology) Based Fiqh Learning in Class XII of Madrasah Aliyah Ar-Raudhatul Hasanah Medan**

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## **Abstract**

In order for the presentation of the material provided by the fiqh teachers to be more effective and efficient, it is necessary to apply learning that can motivate and stimulate students to be enthusiastic in learning. One of them is by utilizing ICT (information, communication, and technology) or ICT-based learning media (information, communication, and technology) or what we often call ICT (technology, information, and communication). This study aims to explain how the implementation of ICT-based learning media (information, communication, and technology) in the learning process of fiqh education in madrasah aliyah. This research method is qualitative research. The nature of this research is descriptive, namely regular decomposition analysis, so the whole concept of providing understanding and explanation to get a description of the results. The data analysis that the writer uses in this research is an analysis of the tracking process and systematic arrangement, field notes that the authors have obtained from interviews, observations and other materials so that the authors can report the results of the research. The results of this author's qualitative research are: (1) The implementation of ICT-based fiqh learning (information, communication, and technology) in class XII Madrasah Aliyah Pesantren Ar-Raudhatul Hasanah Medan City, (2) The implementation of ICT media (information, communication, and technology) focusing on Fiqh lessons in Class XII Madrasah Aliyah Pesantren Ar-Raudhatul Hasanah Medan City, (3) There are supporting and inhibiting factors in the implementation of fiqh learning by using ICT (information, communication, and technology) utilizing infocus media in class XII Madrasah Aliyah Pesantren Ar-Raudhatul Hasanah Medan City.

Keywords: ICT, Fiqh, Learning Media, Application of Learning

## Introduction

ICT (information, communication, and technology) learning is a learning tool that plays an important role in a teaching and learning process both formal and non-formal learning. Various ICT (information, communication, and technology) learning used by teachers in delivering teaching materials, adapted to the ability and capacity of the teachers themselves in using them.<sup>1</sup> ICT (information, communication, and technology) includes teaching aids that will function properly when the ICT (information, communication, and technology) can provide a meaningful, activating and enjoyable learning experience for students. ICT (information, communication, and technology) in the application of fiqh education learning has a very large role for teachers in conveying the basic concepts of fiqh education and for students in accepting the knowledge conveyed by the teacher to him. Media ict (information, communication, and technology), as an idea, practice, or object media object that is considered new.

The use of ICT media (information, communication, and technology) will make it easier for students to understand the subject matter, because learning to use ICT (information, communication and technology) media can be designed to be interesting and fun learning so that students do not get bored quickly, and can motivate and stimulate students to be enthusiastic in learning, support the achievement of learning objectives effective and efficient. The use of learning technology that can combine elements of education and entertainment, one of which is the use of computer-based technology or ICT (information communication, and technology) in the learning application model.

Media learning that is currently needed is ICT-based media (information, communication, and technology) or better known as ICT (information and communication technology). Various studies show that the most effective learning media is used to improve the quality of education in entering the current era of globalization with the use of information and communication technology (ICT) or (ICT) information, communication, and technology.<sup>2</sup> The existence of ICT (information, communication, and technology) or what we often refer to as ICT (information and communication technology) in the classroom, at school, and at home, has the potential

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<sup>1</sup> Suranta, Hayat, Sumarno, "Using ICT Media to Improve Students' Critical Thinking Skills and Concept Mastery", (South Tangerang: UT Alumni Association, 2019), pp. 356.

<sup>2</sup> Rusman, "ICT-Based Learning", (Jakarta: Raja Grafindo Persada, 2019), pp., 55

to be utilized in the world of education. Utilization of ICT (information, communication, and technology) in learning can support students to gain collective learning experiences with other students or through interaction with experts in ICT-based communication media (information, communication, and technology) independently. The latest development is the integrated use of ICT (information, communication, and technology) in learning that combines various ICT skills and functions (information, communication, and technology) in the learning process.<sup>3</sup>

ICT (information, communication, and technology) is one of the learning processes that can be used in fiqh subjects. Fiqh is one of the important subjects in education. In accordance with the Regulation of the Minister of National Education Number 22 of 2006 concerning Content Standards, it is stated that fiqh subjects must be given to all students, starting from elementary school to high school or senior high school (Madrasah aliyah) to equip them with the ability to think logically (reasoning), systematic, analytical, critical, creative, and cooperative.<sup>4</sup> One of the goals of learning in schools is to train thinking and reasoning patterns in drawing conclusions, developing the ability to solve problems, and developing the ability to provide information or communicate ideas through oral, written, pictures, graphs, maps, diagrams, and others.

One of the characteristics of fiqh itself is that it has an abstract object. This condition causes many students to be lazy to learn fiqh, so that many learning materials cannot be controlled properly, then the application of conventional learning methods does not attract the attention of students, so there are often complaints that fiqh only confuses students and is considered a frightening specter. by most of the students. This is evidenced from the results of Andrijati's research, where phenomena in schools show that in fiqh learning there is still a tendency for teachers to rarely use media/props, teachers use improvised or very simple media/props, far from attracting the attention of students because they do not pay attention to composition. color, size is not proportional, and not packaged properly. Such conditions make learning fiqh

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<sup>3</sup> Suryani, "Development of ICT-Based Learning Media", *Journal of Education*, Vol : 12, No : 01, 2019, pp., 4.

<sup>4</sup> Ariani, Haryanto, "Learning Fiqh in Schools", (Jakarta: Pustaka Achievements, 2020), p. 35

<sup>5</sup> Andrijati, "Effectiveness of Media Use in Improving Understanding of Fiqh Learning Concepts", *Al-Ma'rifat Journal*, Vol: 04, No: 02, 2020, pp. 05

unattractive, unpleasant, so that it is not optimal in helping students to acquire the concept of learning fiqh.<sup>5</sup>

The advantages of the learning process using ICT-based learning media (information, communication, and technology), include: (1) improving the quality of learning, (2) expanding access to education and learning, (3) helping visualize abstract ideas, (4 ) facilitate understanding of the material being studied, (5) display learning material to be more interesting, and (6) allow for learning to occur interaction between learning and the material being studied.

This study aims to: (1) Explain the planning of ICT-based fiqh learning (information, communication, and technology) in class XII Madrasah Aliyah Ar-Raudhatul Hasanah Medan, (2) Explain the implementation of ICT-based fiqh learning (information, communication, and technology) in class XII of Madrasah Aliyah Ar-Raudhatul Hasanah Medan, (3) Explaining the assessment of ICT-based fiqh learning (information, communication, and technology) in class XII of Madrasah Aliyah Ar-Raudhatul Hasanah Medan, (4) Explaining the obstacles and how to overcome them in learning fiqh-based ICT (information, communication, and technology) in class XII Madrasah Aliyah Ar-Raudhatul Hasanah Medan.

## **Method**

This article is the result of qualitative research. The study was taken from several national and international journal articles, as well as laws or ministerial/government regulations related to the application of learning, ICT (information, communication, and technology), and learning fiqh.

## **Results and Discussion**

The word application comes from the root word, namely: applied. In Arabic, the application is *tatbiq*. Meanwhile, according to the Big Indonesian Dictionary, it is a process, method, act of applying. So, application is an act of practicing a theory, method, and other things to achieve certain goals and for an interest desired by a group or group that has been planned and arranged in advance.<sup>6</sup> While the application of learning is an action or process of laying the implementation of a carefully and detailed

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<sup>6</sup> Arsyad, "Application of Learning in Children", (Jakarta: Raja Grafindo Persada, 2019), p, 33

plan in carrying out the practice of the learning process about an idea, program or concept. The process of implementing learning becomes more interesting when using the right media so that students are motivated to love the science that is being studied. These tools are intended to provide a more concrete experience, motivate and increase the absorption and memory of students in learning. The media can foster a positive attitude of students towards the material and the learning process. A teacher can be more effective and efficient in presenting subject matter if he can utilize the media properly and appropriately.<sup>7</sup>

Scientists argue that ICT-based learning media (information, communication, and technology) can make learning more powerful where communication contacts between individuals supported by technology can provide added value in certain communication skills. The use of ICT (information, communication, and technology) media in the teaching and learning process is not an additional function, but has its own function as a tool to create an active, effective, and enjoyable learning situation.

Based on the opinion above, the writer can conclude that the application of ICT-based learning (information, communication, and technology) is a learning tool used to show certain facts, concepts, principles or procedures to make them appear more real or concrete so that they can create an active learning situation, effective, and fun. Currently, there is a tendency to use or utilize ICT-based media (information and communication technology). The application of ICT-based learning media (information, communication, and technology) is a learning component that contains instructional materials for students in the form of information and communication technology. In other words, the application of learning media is a means of disseminating educational information in the form of hardware, software, network systems, and computer or telecommunications infrastructure so that data information can be distributed and accessed global.<sup>8</sup> Several media for implementing ICT-based learning (information,

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7 Ramdhani Agustiana, "The Application of Learning Media" , Journal of Education, Vol : 01, No : 02, 2019, page, 08

<sup>8</sup> Nursamsu, Kusnafizal, "Utilization of ICT Learning Media as Student Learning Activities", (Bandung: Rosdakarya Youth, 2020), page, 165.

9 Kintoko, Sujadi, Sari, "Development of Computer Assisted Learning Media With Lectora Authoring Tools", Electronic Journal of ICT Learning, Vol: 03, No: 02, hlm, 06.

communication, and technology) that can be used to store, process, display, and convey information in the communication process<sup>9</sup> are:

a. Computer Technology

Application of computer-based learning media or can be called computer-assisted learning (computer assisted instructional / CAI). The use of computers as a medium for implementing interactive learning can be realized in various forms, including computer-assisted learning (CAL) programs, computer conferences, electronic mail or electronic mail (email), and computer multimedia which is then called interactive multimedia learning. Learning through this CAI (computer assisted instructional) is offline so that its use does not depend on access to the internet.

b. Multimedia Technology

Learning application media included in multimedia technology are digital cameras, video cameras, sound players, video players, and others. Multimedia is often interpreted as a combination of many media or at least more than one media. Multimedia can be defined as a computer equipped with a CD player, sound card, speakers with the ability to process motion pictures, audio, and graphics in high resolution.

c. Computer Network Technology

This technology consists of hardware such as LAN (local area network), internet, wifi, and others. In addition, it also consists of supporting software or network applications such as WEB (word wide web / www), email, html (hyper text markup language), java (a builder tool that allows provides many tools), php (hypertext preprocessor), database applications, and others.

The advantages of the learning process using ICT-based learning media (information, communication, and technology), include: (1) improving the quality of learning, (2) expanding access to education and learning, (3) helping visualize abstract ideas, ( 4) facilitate understanding of the material being studied, (5) display learning material to be more interesting, and (6) allow interaction between learning and the material being studied. Utilization of ICT (information, communication, and technology) in the application of learning using hardware (hardware) and

software (software) with its applications, such as computer devices connected to the internet, LCD projectors, Learning CDS (course development system), television, even use the web or certain sites on the internet. In the application of ICT-based learning (information, communication, and technology), in addition to supporting hardware and software, a Web-based connection support (internet) is also very necessary. This allows students and teachers to carry out learning activities not having to face to face directly, but can be connected online with the internet network. With the internet they can access any data by browsing to various data providers (servers) in various parts of the world.

### **Application of Ict-Based Learning Media (Information, Communication, And Technology) in Education**

Media ict (information, communication, and technology) is a communication tool, both printed and audio-visual that is used to convey information from the sender to the recipient of the message and can stimulate students in learning. Scientists say that the Association of Education and Communication Technology (AECT) in America, restricts all forms of media and channels that people use to send informational messages.

Setyorini stated that the application of learning media are various types of components in the environment of students that can stimulate them to learn.<sup>10</sup> Meanwhile, Briggs argues that the application of learning media are all physical tools that can present messages and stimulate students to learn. Learning media to motivate students in fiqh lessons is a computer. By producing interactive learning media, students can better understand and can learn according to their respective interests and abilities.

The role of Multimedia Learning in the learning process, teaching methods and learning media are aspects that are interrelated with each other. The selection of a particular teaching application method will affect the appropriate type of learning media, although there are other aspects that must be considered such as competence, type of task, the response that students are expected to master after learning takes place, the learning context, and the characteristics of the students. Nevertheless, it can be said

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<sup>10</sup> Setyorini, "Utilizing the Internet as an ICT Implementation and Means of Motivating Learning in Schools", National Journal of Education, Vol : 02, N0 : 01, 2019, pp., 03

<sup>11</sup> Rosdiana, "The Use of ICT-Based Learning Media and Its Effect on Students' Graduation Rates at High Schools in Palopo City", Journal of Mathematics and Natural Sciences Education, Vol : 04, No : 01, 2020, pp., 08.

that, one of the main functions of the application of learning media is as a learning aid that also influences the climate, conditions and learning environment that are arranged and created by the teacher.<sup>11</sup>

ICT (information, communication, and technology) is one of the media for implementing learning that can be used to improve students' learning outcomes of fiqh. ICT (information, communication, and technology) is defined as a technology for processing and disseminating information data using hardware (hardware), software (software), computers, communication media, digital electronics, audio, data, networks, satellites, and other communication technologies. , including application development tools and multimedia.<sup>12</sup>

The advantages of the learning process using ICT-based learning media (information, communication, and technology), include: (1) improving the quality of learning, (2) expanding access to education and learning, (3) helping visualize abstract ideas, (4) facilitate understanding of the material being studied, (5) display learning material to be more interesting, and (6) allow interaction between learning and the material being studied. Therefore, it can be concluded that the application of ICT-based learning media (information, communication, and technology) is needed in the field of education.

### **Application of Ict-Based Learning Media (Information, Communication, And Technology) in Fiqh Learning in Class XII Madrasah Aliyah**

Fiqh is a subject containing Islamic religious education that provides knowledge about Islamic teachings in terms of Syara' law and guides students, in this case 18 year olds in class XII madrasah aliyah to have faith and know the laws in Islam correctly and form habit of doing it in everyday life. The application of fiqh learning means the teaching and learning process about Islamic teachings in terms of Syara' law which is carried out in the classroom between teachers and students with planned learning materials and strategies.

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<sup>12</sup> Kusnafizal, "Utilization of ICT Learning Media as Student Learning Activities in Aceh Tamiang State Junior High School", *Journal of Science and Science Learning*, Vol : 01, No : 02, 2019, pp., 08

<sup>13</sup> Suherman, "Procedures for the Practical Approach to Fiqh", (Jakarta: Rineka Cipta, 2019), pp., 45.



Fiqh education in class XII madrasah aliyah is also one of the subjects that is learned gradually and continuously. As stated by Suherman,<sup>13</sup> that the concept of fiqh education is regulated in a hierarchy, structured, logical, and systematic starting from the simplest concepts to the most complex concepts. Therefore, the hierarchy of fiqh education in fiqh learning in class XII must be carried out gradually and sequentially according to the level of development of students' thinking skills and continuously based on previous experience.<sup>14</sup> Fiqh learning in schools, especially in class XII madrasah aliyah, is expected to provide effective and efficient learning in accordance with the curriculum and student mindset so that students can easily solve fiqh education problems related to everyday life. But in reality, the learning given today still faces many obstacles. Regarding fiqh learning in class XII madrasah aliyah, many students believe that fiqh education in class XII madrasah aliyah is a subject that is considered very difficult because it deals with Arabic letters without lines and burdens the brain in thinking. The existence of ICT-based learning media applications (information, communication, and technology) in learning fiqh in class XII madrasah aliyah, is expected to make fiqh learning in class XII madrasah aliyah more interesting and fun, so that it can help students optimally to understand the concept of education fiqh.

## **Conclusion**

From the previous description, regarding the application of ICT-based learning media (information, communication, and technology) in the fiqh learning process in class XII madrasah aliyah (MA), several conclusions can be drawn: (1) It becomes more interesting when using ICT-based learning media (information, communication, and technology) so that students in class XII madrasah aliyah will be motivated to love the science they are studying, namely fiqh education. (2) A fiqh teacher can be more effective and efficient in presenting the material fiqh lessons in class XII madrasah aliyah, so that they can benefit from good and correct ICT (information, communication, and technology) media, (3) The process of implementing fiqh learning in class XII madrasah aliyah using ICT (information, communication, and technology) media can be designed to be interesting and fun learning so that students in class XII

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<sup>14</sup> Suherman, "Procedures for the Practical Approach to Fiqh", (Jakarta: Rineka Cipta, 2019), pp., 55.

madrasah aliyah do not get bored quickly, and can motivate and stimulate students for enthusiasm in learning fiqh learning.

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