Application of technology in learning the religion of Hindu as an educational efforts to improve the creativity of students

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Abstract. The transformation to the future is too fast. It also affects the culture today as adults are known as the era of globalization, where science and technology have developed rapidly. Education is a more attractive formation of behavior achieved through the application of reinforced conditions, through technological equipment. Technology is considered a tool or means that can be used for destruction. Technology is very helpful in packaging the process of education or teaching and learning process becomes more innovative and able to attract attention and grow students learning motivation. The development of technology that is the result of human thinking is very helpful for educators in delivering teaching materials by using some tools which are the results of technology development like a laptop, LCD, Projector and so on. With technology, there are also some very interesting learning media that can increase students’ learning passion. In conveying the material a teacher is also able to display some short films that are educative by using technology in the classroom, so in this era of globalization, educators are not monotonous in doing teaching and learning activities. Likewise, with Hinduism Education subjects, a teacher is required to be proficient in utilizing and managing the technology that has been provided as a support for the learning process. The usual method used by teachers of Hinduism is more dominant using lecture method, with the existence of technological aids of a teacher of Hinduism feels simplified in delivering learning materials without reducing the intent and meaning to be conveyed. So from that technological progress in this era of globalization, especially in the world of education, is able to explore the creativity of an educator and creativity of learners in order to create a conducive atmosphere in the learning process.

1. Introduction

In the era of globalization is closely marked by the development of science and technology, can greatly affect the world of education in particular. Technology that develops from time to time can also show the development of human civilization in every era. Similarly, education that also from time to time shows the development and changes in accordance with the things happen in society. Education is a more attractive form of behavior achieved through the application of reinforced conditions, through technological equipment. In education, there is a learning process, where in this case the technology emphasizes the ability of individual students that the subject matter is prepared into the level of readiness so that students are able to demonstrate certain behaviors that are expected. In this case the teacher only as a giver of information through technology tools such as OHP, sound slides, movies, TV and others [9].
In the field of education, the use of technology is focused on improving the quality of learning so that it can improve the quality of education. Technology in education is part of science that is used to improve the quality of education [6]. In education, there is a learning process. Learning is a communication process that takes place in two directions, where there are those who teach and some learn. Teaching is done by the teacher as an educator, while learning is carried out by students or students, who use the principles of education and learning theory as the main determinants of educational success [8]. In the learning process, there is an interaction between educators and students, where the interaction must be the interest created by educators so that it will make a comfortable and conducive learning atmosphere. The interest here can be done by utilizing technology as a tool to lure the creativity of students or students to remain active in learning activities, and not monotonous educators only give lectures that can cause students to feel bored. By utilizing technology, educators are also challenged and increasingly creative in awakening the atmosphere of learning, especially in Hinduism lessons that emphasize the teaching of theory and most use the lecture method. Therefore, it is not wrong if as a professional educator creates a way or updates the learning atmosphere that is more enjoyable by applying technology that is included in the learning media.

2. Discussion

Information technology is controlling the emergence of various demands and efforts to make changes, both in the structure and organizational processes of educational institutions, as well as changes in the form of manual systems being replaced by automation. In addition, there are several benefits of the application of information technology by an institution including educational institutions in order to achieve competitive advantage even though not all benefits can be quantified financially. The expectation for mastering and developing information technology capabilities is actually related to its consistency in the provision, identification and opportunity to implement it in meeting strategic needs that are faster, better, and cheaper than competitors [7]. Thus it can be concluded that an educational technology is a field of special studies science education with the formal object of "learning". Learning is not only done by and for individuals, but by and for groups, even for the whole organization to carry out learning activities. Educational technology is a complex concept, which can be studied from various sides. At the beginning of its development, educational technology has always been associated with audio visual equipment, then developed a paradigm that examines the systems approach and communication theory in educational activities, teaching technology and information technology are also part of educational technology that is used as media or information that can help the educational process.

2.1 Hinduism Learning

In education, there is a learning process that involves educators and learners in which there is social interaction in learning activities undertaken by learners and teaching done by educators. Regarding this matter, according to Suprihatiningrum, states that learning is a series or a process of activity involving information and environment arranged in a planned to facilitate student in learning. Regarding the planned environment, where the learning takes place, but also the methods, media, and tools necessary to convey information. Learning is an effort by educators to help students to receive the knowledge provided and help facilitate the achievement of learning objectives [10].

In line with that opinion, learning attempts to change the input of uneducated students, to educate students, to students who have no knowledge of something, to knowledgeable students. Similarly, students who have attitudes, habits or behaviors that do not reflect the existence of himself as a good or positive person, a student who has a good attitude and behavior [9]. Actually, learning can happen without learning, but learning outcomes will be obvious from a learning activity. Effective learning is characterized by the learning process within students. Someone is said to have experienced the process of learning if in itself has been a change, from not knowing to know, from not understand to understand and so on [1].
Regarding the definition of religion, there are so many definitions of religion, but the definition is nothing perfect, it is because there is nothing perfect, because it cannot satisfy everyone else, religion is not just one. Obviously, each religion has different views. Yet the core meaning contained in the definition of religion, including in Hinduism is a belief in God, and everything concerned with it. From the meaning in question, then the prayer activities, yadnya, doing good to fellow human beings is religion [4].

Learning is included in the process that occurs in the world of education. Hinduism also knows the existence of education to develop physical and spiritual people. Hinduism education is a systematic media from the application of Hindu teachings to provide and create education so that students can develop physical health, spiritual calm by having high morals and strong mentality, as well as giving students to develop their skills to become professional [4].

Thus it can be concluded that the learning of Hinduism is a series of teaching and learning activities that include a process of interaction between educators and students in a planned manner to instill the values of Hinduism education and Hindu values as well as from the learning of Hinduism that can foster the trust of students used as a guideline of life in developing noble attitudes and characteristics based on the teachings of Hinduism.

2.2 Educator's Efforts to Improve Student Creativity through Educational Technology

Educational technology is a process that has to do with teaching and learning activities, an educator is encouraged to be independent, creative and innovative in delivering the Hindu teaching-learning material by utilizing existing technology. Technology in the learning process is used to provide new learning experiences for educators and students. Technology that can be used by educators in delivering the material in the learning process that is in the form of printing technology such as books, visual tools in the form of pictures, models or objects, audiovisual through communication between educators and learners. For example, when an educator teaches one of the concepts of Hinduism that is Tri Hita Karana, educators use technology (tools such as Laptop, LCD, Projector) with media such as pictures or videos related to Tri Hita Karana learning materials, Learning learners are interested in enjoying the media presented by educators. After the end of displaying the picture or video, the educator together with the students draw the values contained in the media that were shown before. Learning system like this is able to motivate learners in learning, no longer solely educators using lecture methods in the learning process.

In applying the learning process using technology will not be separated from the name of educational innovation, educational innovation is always tied to the problem of the method revolution, innovative curriculum, technology and human resources that are critical to being able to produce creativity and school outcomes as a form of educational change [2] [3]. For that learning technology, can create a more effective and conducive learning process. According to Prawiradilaga, who stated that there were several advantages and disadvantages in the use of technology for educators and students. The advantages of using technology in the teaching and learning process for students:

a. Provide students with a different and varied learning experience so as to stimulate students' interest in learning.
b. Fostering certain skills in technology.
c. Creating learning situations that are fun and unforgettable by students.
d. Making learning more effective, efficient and meaningful.
e. Provide learning motivation to students.
f. Make learning as a necessity.

The advantages of using technology in the teaching and learning process for educators who are as designers, developers, and as implementers in learning are as follows:

a. Increase interaction
b. Learning becomes more interesting
c. Educators are more innovative and creative
d. Management of learning more effective and efficient
e. Improve the quality of learning
f. Increase the students' positive attitude toward the learning process

As for some weaknesses in using technology for educators and students in between:

a. Teachers who cannot operate / control electronics will be left behind by students.
b. Educational technology requires quality Human Resources (HR) to be able to accelerate innovation or school renewal, while reality or reality that is seen is lacking.
c. Educational technology, both hardware, and software requires sufficient costs even to be very expensive.
d. Limitations of school infrastructure facilities will hamper educational innovation.
e. The use of education technology in the form of hardware requires high control or supervision from teachers or parents, especially the internet and software.
f. Students who do not have high motivation tend to fail [5].

Thus, the efforts of educators in increasing the creativity of students through educational technology are by giving students technological practices related to the material being taught. In the study of Hinduism, which focuses on concepts and theories, this is where educators innovate and provide an overview that increases the active and creative power of students through utilizing technology in understanding Hinduism lessons. Besides educators only give lectures, but also must be balanced with the existence of real activities that directly learners can find out exactly how the Hindu religion and students not only still imagine and expand their views on the teachings of Hinduism. With this effort, technology is used as a tool for educators to improve students' creativity in the learning process.

3. Conclusion

Based on the above discussion, it can be concluded that educational technology is a special field of study in education with a formal object of "learning". Learning Hinduism is a series of teaching and learning activities that include a process of interaction between educators and students in a planned manner to instill education in the values of Hinduism. The efforts of educators in increasing the creativity of students through educational technology are by giving students technological practices related to the material being taught. In the study of Hinduism, which focuses on concepts and theories, this is where educators innovate and provide an overview that increases the active and creative power of students through utilizing technology in understanding Hinduism lessons. Besides educators only give lectures, but also must be balanced with the existence of real activities that directly learners can find out exactly how the Hindu religion and students not only still imagine and expand their views on the teachings of Hinduism.

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