



Implementation of Blog-Based Learning Media: Community Service for Elementary School Teachers

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Received: 02-05-2023

Reviewed: 10-05-2023

Accepted: 29-05-2023

Abstract

Elementary schools in Driyorejo Gresiks consist of 11 private elementary schools and 26 public elementary schools. The location of the school is mostly located in rural areas and most teachers are rarely involved in scientific activities carried out by universities, so that the knowledge and understanding of teachers is still not related to learning media or other learning innovations. The results of interviews obtained from several teachers in public and private elementary schools at UPTD Driyorejo, Gresik Regency obtained information that some teachers almost never use blog-based learning media because the media does not exist and the ability of teachers to develop it is also lacking. This has an impact on the implementation of learning activities that take place less meaningfully and tend to be rote in nature. The use of blog-based learning is expected to increase teacher innovation, motivate, and increase student achievement optimally. Community service is carried out by conducting training on the implementation of blog-based learning media. The training implementation stage is carried out in two sessions. The first session explained the blog-based learning media material. Second session of training iimplementation of blog-based learning media for elementary school teachers in Driyorejo Gresik.

Keywords: implementation, media, learning, blog, teacher.

Introduction

Location of Driyorejo District, Gresik Regency, about 24.3 km from the city of Surabaya. Elementary schools in Driyorejo District, Gresiks Regency consist of 11 private elementary schools and 26 public elementary schools. The location of the school is mostly located in rural areas and most teachers are rarely involved in scientific activities carried out by universities, so that the knowledge and understanding of teachers is still not related to learning media or other learning innovations.

The results of interviews obtained from several teachers in public and private elementary schools at UPTD Driyorejo, Gresik Regency obtained information that some teachers almost never use blog-based learning media because the media does not exist and the ability of teachers to develop it is also lacking. This has an impact on the implementation of learning activities that take place less meaningfully and tend to be rote in nature. The use of

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blog-based learning is expected to increase teacher innovation, motivate, and increase student achievement optimally. Based on the interview, information was also obtained, the teachers really hope that community service activities in the form of training / workshops on learning media can be carried out continuously so that teachers at UPTD Driyorejo, Gresik Regency get material refreshments related to the concept of subject matter and pedagogic abilities.

Considering the large number of elementary schools, with a lack of understanding in learning design, especially in the development of blog-based learning media, it is considered necessary to hold community service activities involving teachers in this area. This activity is intended to motivate teachers in the school to want to carry out learning and teaching activities that are more creative, innovative, and inspiring. In addition, it is expected that teachers, especially in teaching, will be willing to carry out learning innovations as part of their professional duties. The learning media developed later is expected to facilitate students to learn more easily so that the learning process and outcomes can be achieved with more quality (Astari dan Nurlaela, 2020; Magdalena et al., 2021; Supriyono, 2018).

Literature Review

Learning Media

Media comes from the Latin word 'medium' which means everything that is used to convey information from the source of information to the receiver. Media is a form of intermediary used by people to spread ideas so that the idea reaches the recipient. Learning media is something (can be tools, materials, or circumstances) that is used as an intermediary of communication in learning activities. There are six basic categories about media: text, audio, visual, video, manipulative, and people. Text is a medium that is displayed in the form of words arranged in the form of: books, foster, and *computer screen*. Audio is everything that can be heard, for example: the sound of people, music, and the sound of machines. Visual among them, consists of: diagrams, images, photos, graphs, and cartoons. Video is media that displays moving images, for example: DVDs, videotapes, and computer animations. Material assemblages are: real objects and models. Manipulative objects are three-dimensional objects that can be held by the learner. Media people, such as: teachers, learners, or subject matter experts (Khasana et al., 2020) .

The use of media in learning will be more inspiring if you have a basic understanding of how learners learn. Learning media is a means to help learners learn. As teachers, they are expected to be able to choose the right technology and media to help learners learn. Learning is the development of new knowledge, skills, or attitudes as an individual's interaction with his environment (Gawise et al., 2022).

Innovative learning media are learning media developed in accordance with cognitive theory and constructivism. Cognitive theory emphasizes what happens to a person when he learns and constructivism theory views that knowledge is constructed by the individual who is learning based on his initial knowledge. Based on the views of these two theories, innovative learning media to be developed according to the level of cognitive development of students and provide opportunities for students to learn the concepts of subject matter independently. As a criterion, the resulting media has qualifications, namely: inspiring, efficient, and has appeal (Kismiati, 2020; Kuen et al., 2021).

Choosing Learning Media

Factors that learners need to consider in choosing, developing and using learning media. These factors are (Setyowati et al., 2020; Silvia et al., 2022):

- a. There is no one medium that is superior to all purposes. One medium is only suitable for certain learning purposes, but not necessarily for others.
- b. Media is an integral part of the teaching-learning process. This means that the media is not just a teaching aid, but an inseparable part of the teaching and learning process. The determination

- of a medium must be in accordance with other components in the learning design.
- c. Whatever media you want to use, the end goal is to facilitate learner / student learning. The ease of learning of learners must be the main reference for the selection and use of a media.
 - d. The use of various media in a learning activity, is not just a distraction / filler or entertainment, but has a purpose that integrates with ongoing learning.
 - e. Media selection should be objective (based on learning objectives), not based on personal pleasure.
 - f. The use of several media at once will be able to confuse learners. The use of multimedia does not mean using many media at once, but certain media are chosen for certain purposes and other media for other purposes as well.
 - g. The good and bad of the media does not depend on its concreteness and abstractness. Concrete media may be difficult to understand because of their complexity, but abstract media can also provide the right understanding.

Research Method

The method of this activity is in the form of training for elementary school teachers in Driyorejo, Gresik Regency. After being given training, the teachers were guided to apply the results of the training in order to improve the ability of teachers to implement creative, innovative, and inspirational blog-based teaching media in the classroom. The following are the stages of training carried out:

The preparatory stages carried out include:

- a. Survey
- b. Stabilization and determination of locations and objectives
- c. Preparation of training materials, which include: papers and modules for creative, innovative, and inspirational blog-based teaching media implementation training activities for elementary school teachers in Driyorejo, Gresik Regency

Training Implementation Phase

- a. The first session was an explanation of the Implementation of IT-Based Learning Media that is Creative, Innovative, and Inspirational for Elementary School Teachers in Driyorejo Gresik.
- b. Second session, Implementation of IT-Based Learning Media that is Creative, Innovative, and Inspirational for Elementary School Teachers in Driyorejo Gresik.

Training is carried out by the method of a) lecture method; b) question and answer method; c) simulation method.

Result and Discussion

Blogs and Social Media Groups in the Learning Domain



(Teachers are discussing the Blog material)

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In this modern era, almost every internet user in Indonesia talks about Blogs. The term Weblog which was later shortened to Blog actually began to be known since 1997, but only became popular in 2000. A blog is a form of web application that resembles writings (which are loaded as posts) on a common web page. These writings are often published in reverse order (the latest content first and then followed by the older content), although this is not always the case. Today, blogs have become an inseparable part of the world of the WWW and the world of the internet. Blogs have begun to be used as a source of news by newspapers, magazines, radio, and even television have also broadcast news through their blogs. The world of education has also displayed a lot of educational material in Blogs that have been made specifically or not specifically for the world of education.

In the Blog teachers and parties involved in the world of education can post materials that they consider useful for seekers of educational information. While educational information seekers can also participate in developing or just providing comments from the contents of the Blog that have been viewed. Blog media was first popularized by Blogger.com, owned by PyraLab before PyraLab was finally acquired by Google.Com at the end of 2002. Since then, there have been many open-source applications intended for the development of the blog writers.

Blogs have very diverse functions, from a diary, media publication in a political campaign, to media programs and companies. Some blogs are maintained by a single author, while others by multiple authors. Many weblogs also have facilities for interaction with their visitors, such as using guest books and comment columns that can allow visitors to leave comments on the content of published posts, but there are also those that are the opposite or non-interactive. In the midst of this increasingly modern world, the use of technology in the world of education is inevitable. With modern technology, the flow of information is increasingly unstoppable. Everyone around the world can find out what they want through the internet. The internet can eliminate the boundaries of space and time so that anyone can take advantage of it.

The use of the internet in the world of education has been intensively carried out in various countries. Even the internet has become an inseparable part of the world of education. Blog one of the products produced by the internet can be utilized as a learning resource because Blogs can be created by anyone very easily and most importantly Blogs can be created for free. Facts on the ground about internet use among learners, more widely used to do less productive things, such as chatting too much, playing online games, and accessing pornography. Blogs that multiply 2 every 6 months, whose owners are very significant learners and teenagers, this is a phenomenon that must be used to improve the quality of education, namely by creating a quality Blog so that the learning community can easily obtain the information needed. In addition to quality, the blog that is created must also be interesting so that learners are more comfortable learning in cyberspace.

Various references, journals, and research results can be easily downloaded on various blogs around the world. Simply utilizing search engines, the materials needed can be obtained quickly. In learning, the source / reference is not only derived from textbooks, but also obtained from interaction and communication. Until a few decades ago the last aspect of learning was limited to the physical space of the classroom. Now, however, social media has expanded the dimensions of the space available for the social component of learning. Social Media in education, being a relatively new concept has become the center of attention of many educators, teachers and parents.

Functions of Blogs and Social Media Group

If the teacher already has a blog, then what must be thought about is how to integrate the blog in the teaching and learning process. There are several ways, including teachers can use blogs to display material information to be provided, teaching materials that are ready to be downloaded by learners, a list of hyperlinks as a reference, provide and display the results of teacher research. Because the features on the blog allow providing questions and comments on articles or teaching materials available, communication will go both ways and interactively, either from teacher to learner or vice versa.

Another way is when giving assignments to learners, the teacher explains them orally and then displays them on the blog. Learners who will submit assignments are asked to display answers to assignments in the learner's personal blog. Assessment is given by the way the teacher visits the learner's blog to then comment on the answers to the assignment that has been made by the learner. This method means that learners are not only responsible for answering assignments to teachers, but also responsible to the public / internet users as readers. The integration of blogs into teaching and learning activities like this automatically increases meeting time between teachers and learners. Discussions recorded in the comment facility available on the blog can also be an additional reference for blog readers and can be viewed and read at any time. In addition to educating and introducing writing learners through internet media, these methods are also able to boost the name of educational institutions in cyberspace and train learners to share knowledge with others. Here are some useful educational sites, including:

- a. <http://www.kemdikbud.go.id>
- b. <http://www.duniabelajar.com>
- c. <http://bse.kemdiknas.go.id>
- d. <http://netsains.net/>
- e. <http://www.learningplanet.com>
- f. <http://www.quipper.com>

When talking about blogs as an integrated sub-system, there will also be several sub-systems that are interrelated and influence each other. The teaching and learning process is an input and the expected output is a quality teaching and learning process. Of course, the system must have characteristics as a system that has a *feedback system*. With the integration between these sub-systems, it is hoped that it will produce a teaching and learning process that not only involves teachers, but also learners, to produce a more quality teaching and learning process.

Conclusion

Community service is carried out by conducting training on the implementation of blog-based teaching media at elementary school teachers in Driyorejo, Gresik. The training implementation stage is carried out in two sessions. The first session explained the blog-based learning media material. Second session of training implementation of blog-based learning media for elementary school teachers in Driyorejo Gresik.

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