

Strategy of the Principal in Post-Pandemi Covid-19 Educational Technology Adaptation

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The strategy of school principals in Adapting Educational Technology to the Post-Covid19 Pandemic is a study of how school principals adapt from online learning patterns to limited offline learning. This strategy is needed so that the quality of education in schools is maintained. This study used a descriptive method with a qualitative approach, and the researcher was part of the instrument and the source of information for the respondents was taken from school principals at the UPI Pilot Laboratory High School. The discussion and research results found that the Principal of the UPI Pilot Laboratory High School used the Hybrid method, namely continuing to use the Learning Management System provided by the school, and limited face-to-face meetings.

Key word: principal strategy, educational technology adaptation

INTRODUCTION

This study, entitled Strategies for Principals in Adapting Educational Technology to the Post-Covid-19 Pandemic, aims to find out the strategies and constraints when adapting to the use of technology is carried out during a transitional period, namely after the Covid-19 pandemic in schools in Indonesia. The Covid-19 pandemic, which has lasted for more than two years, has affected teaching activities around the world, including Indonesia. The Covid 19 pandemic that is happening right now is included in the class of non-natural disasters, namely, disasters caused by events or a series of non-natural events which include technological failures, modernization failures, epidemics, and disease outbreaks [10], [11].

Along with the Covid-19 pandemic, educational institutions need to make adjustments and adaptations. The Ministry of Education and Culture survey noted that 97

percent of schools in Indonesia conducted distance learning during the pandemic (2021). Murry Raditya revealed:

"It is undeniable that we have to adapt to technology, the same survey actually showed that 67 percent of obstacles in distance learning were caused by the teacher's lack of ability to operate digital devices. Therefore the adaptation of learning technology occurs very massively.

Many studies have focused on educational adaptation in learning technology because indeed during a pandemic where social distancing was enforced to minimize and break the spread of the Covid-19 virus using technological means in distance learning (PJJ). As the author found in the journal [1] that many schools in the Tangerang district are undergoing learning adaptations using several applications other than zoom, namely Schoology and Google Classroom. This policy has been effective but the perceived constraints are the same as those experienced by students, namely on the network. Applications used by teachers such as Google Classroom to send school subject matter and Zoom are used as attendance and discussion for students [4], [8].

Marsen revealed that almost all schools in Indonesia adapted to technology during Distance Learning. It was further explained that virtual learning can be carried out with the help of various applications to connect students with teachers such as e-learning, whatsapp groups, google meet, google classroom, zoom and other similar applications. Teachers can provide teaching materials, assignments into the LMS so that students can download and study them independently. In this virtual learning the role of parents is very important in guiding and supervising their children in learning. In addition, teachers can also motivate and instill

discipline in students during online learning starting from time discipline and discipline in following online class rules and procedures [2].

The same thing happened in several pilot schools. The Principal of the UPI Laboratory High School, said:

Currently Kallista School is adapting in terms of learning technology during the low season by using Microsoft Teams applications, Microsoft Forms, Zoom, Quizziz, Kahoot, Mentimeter, Youtube, and other features within Microsoft Teams itself. Kallista School is part of from SPK did not encounter many obstacles in the online learning process. The problem that is often encountered is precisely the unstable internet connection and speed and several other technical matters."

The management of the Singapore Intercultural School Bona Vista said that the ability of teaching staff who are well acquainted with the use of various virtual applications makes it easier for the teaching and learning process to take place.

"We use Seesaw, Google classroom, Manage bag, Zoom, WA group, Quizizz, and others. Prior to the pandemic, PTK already knew the use of several learning applications, only adding other video converence applications such as Zoom"

The Principal also includes the role of parents in online teaching and learning activities, starting from study assistance to supervision. Even though the teaching and learning process through online methods is relatively new, teaching staff in various schools adapt quickly, so they don't encounter significant obstacles [5].

The author has conducted a preliminary study by conducting interviews with the Principal of the UPI Laboratory High School and asking about how school management is adapting during a pandemic. From the results of the initial interviews, the authors can conclude that there are two main aspects of school management adaptation during the pandemic, namely adaptation of learning technology and adaptation of student services. Before adapting learning technology, the principal, deputy head of curriculum and teachers first held a meeting to explain several important points related to distance learning. Policies were also taken with agreements related to the learning system such as study time and exams but there were still no changes. After that the school principal held a

virtual meeting with the parents of the students and disseminated information about the new policies related to Distance Learning, then the homeroom teacher carried out ongoing interactions with students and student guardians during the learning process.

For the first adaptation, namely the adaptation of learning technology, at UPI Laboratory High School there were almost no problems in adapting to technology because the school did use technology in all learning activities. Educators and students are accustomed to using technology both for teaching, presentations, STEAM, class projects and even communication. ICT (Information and Communication Technology) subjects become an integrated curriculum which is taught every week making educators and students familiar with technology.

METHOD

This research was conducted in an effort to answer problems that occur regarding the adaptation of school principals and teachers in the application of distance education technology and the adaptation of services to students in schools. This study uses a qualitative research approach where qualitative research as a scientific method is often used and carried out by a group of researchers in the field of social sciences, including education. A number of reasons were also put forward which in essence is that qualitative research enriches the results of quantitative research. Qualitative research is conducted to build knowledge through understanding and discovery. Qualitative research approach is a process of research and understanding based on methods that investigate a social phenomenon and human problems. In this study the researcher makes a complex picture, examines words, reports detailed views of respondents and conducts studies in natural situations.

In connection with this research being a type of qualitative research, this research is not clearly defined until the researcher gains a truly in-depth understanding of the object under study, but due to various considerations and time, cost and manpower limitations, this research can be ended and a report made. , if it is deemed to have achieved the data and data analysis in accordance with the design.

This research is aimed at school management and the extent of adaptation of school management to prepare Distance Learning during a pandemic. Judging from its objectives, this research is included in the associative research section, namely research that links between two or more variables studied which is a causal relationship [3].

Results and Discussion

The UPI Pilot Laboratory High School is a reference for every pilot school in Indonesia. In managing an educational institution, school management is an activity process consisting of various managerial and operational activities to support the achievement of learning and the achievement of educational goals in an educational institution effectively and efficiently. Effective and efficient management of every aspect of school management is essential for an educational institution to develop optimally and dynamically. Management is generally understood as a way for the goals of the organization to be achieved by planning, organizing, leading, and controlling. So all activities in management are interconnected and continuous.

Management is the process of planning, organizing, directing, and supervising organizational efforts and resources so that goals can be achieved [9]. The definition of educational administration itself is a series of processes or the cooperation of a number of people in an effort to achieve educational goals that have been set systematically within the

scope of schools or other formal educational institutions [7].

School management in carrying out its functions functions a variety of resources, and equally strives to achieve goals. Education experts stated: School Management aims to empower schools, especially their human resources, such as principals, teachers, staff, students, parents and the surrounding community. This human resource empowerment is through giving authority, flexibility, and giving responsibility for solving the problems faced by the school concerned [10].

The organizational structure of the UPI Pilot Laboratory High School is slightly different from other schools where the UPI Pilot Laboratory High School has more or less the same roles (such as making new policies, planners, and decision makers) which makes it different; Principals are more focused on curriculum and learning issues under which there are Principals for every level such as Kindergarten, Elementary, Middle School and High School then the teachers and are more responsible for the staff

After conducting the interviews, the authors distributed questionnaires to the students which were intended to find out how the PJJ planning program designed by the UPI Pilot Laboratory High School Management could be understood and carried out properly by the students (Validity Test), this questionnaire was carried out using the Google Form. Here's an explanation

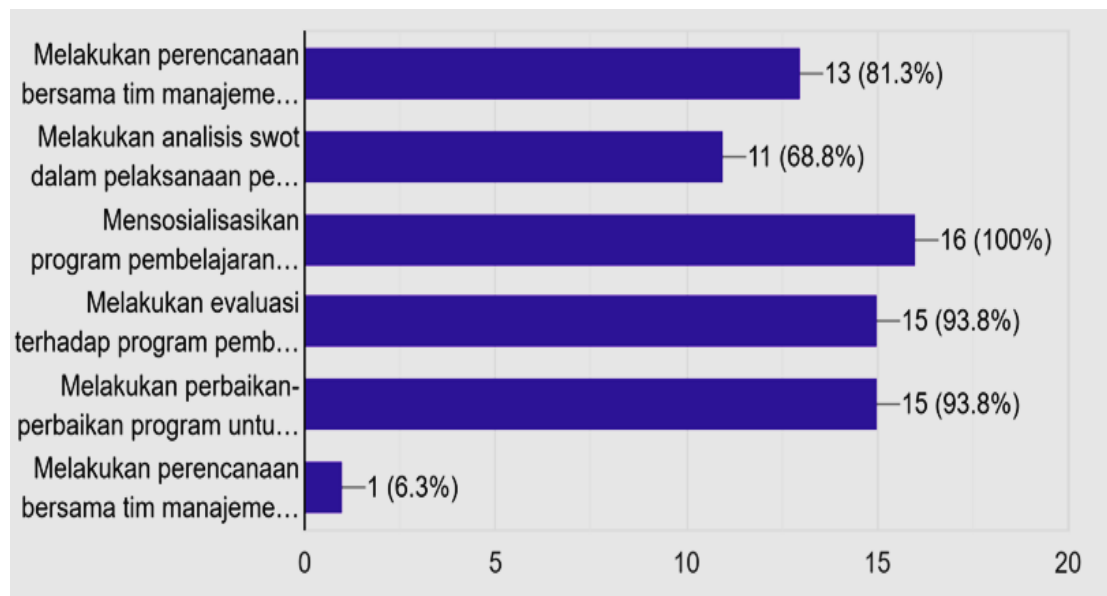


Figure. 3.1.

The Distance Learning Program is designed to continue providing exemplary education during the COVID-19 pandemic. Support teacher will try hard to do their best and keep students involved through the curriculum by scheduling for example usually, weekly goals, activities, and individual meetings with students in their respective classes. Teacher will maintain stable on-screen and off-screen assignments that help link to previous learning and the current curriculum. As always, online communications are managed in a respectful and secure manner. For clarity and safety, UPI Pilot Laboratory High School, uses Google Suite and Zoom to interact directly with students, and Toddle for Primary (Kindergarten & Elementary) and Manage Back for Secondary (Junior & High School)

CONCLUSION

In the problems obtained from research results and discussion, the researchers concluded as follows: 1. The program made by the management of the UPI Laboratory High School school in adapting, especially in the early semester during the pandemic, was very good. Work programs such as planning distance learning, socializing learning programs to the school community, conducting a SWOT analysis for programs that have been implemented and conducting evaluations can be understood and implemented by the entire school community. This is evidenced by the results of the survey which showed that voters said they understood and carried out the directions from school management.

2. The problems faced by school management during the distance learning period can be solved by the UPI Laboratory High School school management as well as proven by the results of a customer satisfaction survey which showed as many as 83% said that the way school management solves problems is by finding the best solution to all parties felt very good even though at the end of the school year, they had to lose several students due to the impact of the co-19 pandemic.

3. The application of strategies from school management to the factors that support or hinder the implementation of distance learning is a problem that is almost the same as the problems faced when face-to-face learning takes place. With experience in solving problems like this, the school management does not see this inhibiting factor as a threat, but rather as a whip to work even better so that it can prove to the school community by giving good results.

4. Preparations for welcoming the new school year have been neatly planned. School management is working with the local education office and health department to further discuss the possibility of face-to-face learning.

Recommendation

1. School management to continue to be able to innovate to provide curriculum and non-curriculum planning so that it becomes an excellent school that produces graduates who can be accepted in the wider community. Continue to provide support and motivation for students so that they can teach not only with abilities/skills but also with heart. Even though parents have given a lot of feedback, the school management has not given up on finding a solution that can benefit both parties.

2. For students to be more aware of their functions and duties as educators who serve not only as teachers but also as teaching agents who can optimize the abilities of students

3. For future researchers, the researcher suggests continuing similar research by looking at other factors that occur

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