Online Learning Platform and the Effectivity of Christian Education

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ABSTRACT

SD Kristen Kanaan is one of the biggest among Christian elementary schools in Banjarmasin. The decision of the school to opt for online learning as the educational method has proven to be the key of effectivity. This research seeks to display an empirical data as a proof that the effectivity of online Christian education in that school is predominantly determined by the online learning platform that they are using. This paper uses neuro-research as the research method and simple random sampling as the data collection technique. The respondents involve 212 students, and the research instrument is Likert-scale questionnaire with range of 1 to 5 point. The instrument calibration is orthogonal iteration. This article will be written in this following sequence: first, it will deal with the importance of learning media or platform in conducting Christian education; second, it will deal with presenting the empirical data of the effectivity of online Christian education in SD Kristen Kanaan Banjarmasin; and third, conclude.

Keywords: Learning platform, Christian Education, Distance Education, Neuroresearch, Online Learning

1. INTRODUCTION

SD Kristen Kanaan is one of the biggest Christian elementary schools in Banjarmasin. The address is in Kapten Piere Tendean street No. 50, Banjarmasin Tengah. SD Kristen Kanaan has opened for public in July 1993 under Yayasan Kristen Kanaan. The vision of this school is to do high quality Christian education. And the mission of this school is developing all potential of each student optimally, having virtuous character and able to participate in global society. Because of the pandemic, everything has changed in this school including the way of teaching. Before, all teachers in SD Kristen Kanaan have the creative, innovative teaching such as with conventional method, discussion, demonstration, problem base learning, role play, study tours and other suitable methods that based on the situation of the students so the vision and mission of this school can be achieved. Therefore, all the graduates can be useful for the church, nation and society.

Educational institutions used different online learning platforms with different capabilities and strategies to facilitate learning [1]. Higher education institutions adopted different teaching techniques such as direct online lectures, audio and video recorded lectures, shared online materials, and blended learning. Additionally, they used online assessments methods, such as online quizzes, exams, and assignments. The shifting to online learning by higher education institutions during COVID-19. Pandemic impacted learners, educators and learning performance [2]. Unfortunately, many educational institutions, educators, and students were not ready for this new experience. The online system strategy of learning serves as a new regulation in Indonesia to solve the lack of meeting in the classroom [3].

Based on the situation, online learning must be applied in SD Kristen Kanaan Banjarmasin. All the teachers must be prepared to use the technology. However, some problems happen during online learning such as unstable signal that really disturbing to the class; and some teachers only use free zoom meeting which can only be for 40 minutes, thus, become a hindrance to the online learning process. SD Kristen Kanaan Banjarmasin actually has developed an application called KISS KANAAN. KISS KANAAN can help the teacher to communicate with students and parents such as for grading, assignment, and etc. This application is also not without problems. Sometimes, the application is error so it cannot be used. Parents also so busy with their job and they help their children doing their test. Besides, many students do not have their own handphone to be used for learning.

The objective of the study is to present how the online learning platform of SD Kristen Kanaan Banjarmasin is the most determining factor that increases the effectivity

of Christian education there. This point will be elaborated and accompanied with the empirical evidence below.

2. RESEARCH METHOD

The research method is by neuroresearch [4], [5]. The sampling technique is by simple random sampling. The sample of population is 212 students (grade IV – grade VI, sample 131. All research instruments use Likert-scale questionnaire ranges from 1 up to 5. The instrument calibration is by orthogonal iteration.
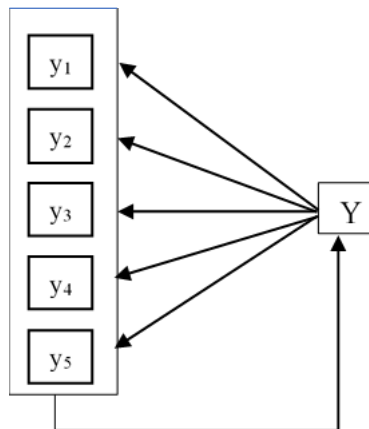
Description:

Dependent Variable as Endogenous Variable:

Y = The Effectivity of Online Christian Education in

SD Kristen Kanaan Banjarmasin

Exogenous Variables consist of five indicators:

y1 = Capability of Learning Process

y2 = Capability of Effective Learning

y3 = The Right Learning Methods

y4 = Online Learning Platform

y5 = Learning Competency

3. RESULT AND DISCUSSION

3.1. The Importance of Learning Platform

The Bible exhorts children to heed to their teaching of their parents and to pay attention to what they say (Prov. 4:20). This exhortation is not just applied to the parent-child relationship but also to teacher-student relationship. Students are to pay attention to the teachings that bring life. And this exhortation is expressed throughout Proverbs 4, that students are to follow direct their hearts (v. 23), mouths (v. 24), eyes (v. 25), and feet (v. 27), to the teachings that bring life [6, p. 307].

That Biblical insight has shown the importance of full attention from the student during the learning process to have an effective Christian education. This is challenging especially in the case of online learning during the pandemic time. This challenge has made the learning platform that can be accessed online to be one of the decisive factor of an effective online Christian education. Thus, the online learning platform that is used for educational purpose should be interactive, engaging, and enabling the students to participate as much as possible in the class, so they could pay full attention while learning online.

In distance education, especially during the pandemic, online learning platform plays a crucial role to connect people from all over the places that could not gather physically. While distance education has been proved to be pedagogically effective, developing the platform of the distance learning would the most important aspect to increase the educational effectivity [7, p. 168].

3.2. Online Learning Platform and the Effectivity of Christian Education

The empirical data below shows that the tendency of media online learning platform shown medium effectivity, and the most determining factor that generates such an effectivity of online Christian education in SD Kristen Kanaan Banjarmasin is the online learning platform that they use. As the result, when all teachers in SD Kristen Kanaan Banjarmasin have better media online learning platform, the effectivity of online Christian education will be increased to 29,804x from this current condition.
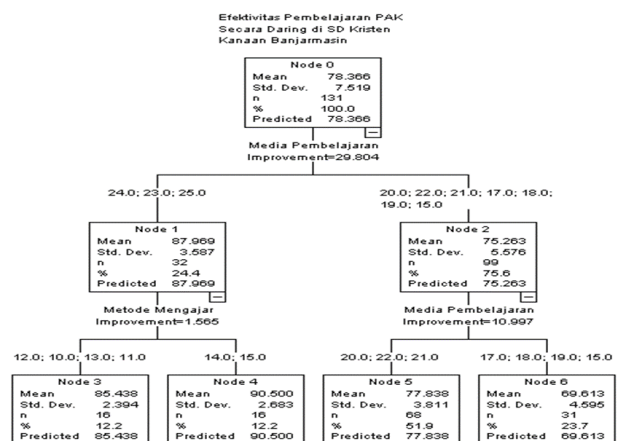
The analysis is made by Biner Segmentation called Classification and Regression Trees or Categorical Regression Trees (CART) with Pruning Depth 2; Parent 2 and Child 1 with α < 0,05.

Correlations

		Efectivity Online Christian Education	Media Online Learning Platform
Efectivity Online Christian Education	Pearson Correlation	1	.904**
	Sig. (2-tailed)		.000
	N	131	131
Media Online Learning Platform	Pearson Correlation	.904**	1
	Sig. (2-tailed)	.000	
	N	131	131

**. Correlation is significant at the 0.01 level (2-tailed).

The correlation between Media Online Learning Platform and Effectivity Online Christian Education is 0,904 which has very strong relation each other.

Model Summary

Model	R	R Square	Adjusted R Square	Std. Error of the Estimate
1	.904a	.817	.816	3.228

a. Predictors: (Constant), Media Pembelajaran

ANOVAa

Model		Sum of Squares	df	Mean Square	F	Sig.
1	Regression	6006.279	1	6006.279	576.438	.000b
	Residual	1344.133	129	10.420		
	Total	7350.412	130			

a. Dependent Variable: Efektivitas Pembelajaran PAK Secara Daring
b. Predictors: (Constant), Media Pembelajaran

Coefficientsa

Model		Unstandardized Coefficients B	Std. Error	Standardized Coefficients Beta	t	Sig
1	(Constant)	14.274	2.684		5.317	.00
	Media Pembelajaran	3.079	.128	.904	24.009	.00

a. Dependent Variable: Efektivitas Pembelajaran PAK Secara Daring

The influence of indicator Media Online Learning with Effectivity Online Christian Education as endogenous variable is 81,6%. Regression linear $\hat{Y}=$ 14,274+3.079y_4. It means if Effectivity Online Christian Education be increased by Indicator Media online learning with 10 "treatment", so Effectivity Online Christian Education will be increased 30,79 times from the current condition.
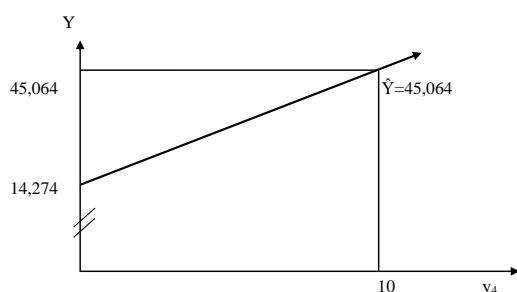
4. CONCLUSION

While the quality and pedagogical effectivity of distance education is now being more acknowledged, the online learning platform has proved to be one of the most decisive factors of such effectivity. That is also the case for SD Kristen Kanaan Banjarmasin as it is proven by the empirical data above.

The result of the research shows empirically that the students of SD Kristen Kanaan Banjarmasin has shown a medium effectivity when conducting education through online learning platform; and second, the most determining factor that generates such an effectivity of online Christian education in SD Kristen Kanaan Banjarmasin is the learning platform that they use.

The strategy that can increase the effectivity of online learning in SD Kristen Kanaan Banjarmasin. First, Morning Devotion. This methods purpose is dwelling the students with God. Second, Kanaan Learning Center. It helps all educators increase quantity and quality of online learning. Third, Kanaan Care. It makes all students have been mentoring.

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