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Indonesian Teachers' Perceptions Of Online Learning Technology In Mathematics Classrooms During The Covid-19 Pandemic

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FULBRIGHT Indonesian Teachers' Perceptions of Online Learning Technology in Mathematics Classrooms during the Covid-19 Pandemic

ABSTRACT

Teachers are an important key in implementing distance learning during the pandemic, it is necessary to explore teacher perceptions in the use of distance learning technology. Questionnaire data were collected from 363 mathematics teachers in Indonesia. Furthermore, 8 mathematics teachers were interviewed using zoom and in person. The results of this study are mathematics teachers consider that distance education technology to be easy and useful during the pandemic. In addition, math teachers intend to continue using educational technology after the pandemic ends. This study suggests that the government should provide training to mathematics teachers to improve the quality of post-pandemic learning. Further research should be conducted to obtain better results.

INTRODUCTION

After more than a year of implementing distance learning, mathematics teachers in Indonesia have a positive perception of the use of distance learning technology



source: https://en.unesco.org/covid19/educationresponse

Kebritchi, Lipschuetz, & Santiague (2017) stated that teachers have difficulty teaching virtually, including the transition from face-toface to online, time management, and teaching styles.

Despite experiencing many challenges, the use of online learning technology every day for more than 1 year is expected to be able to affect changes to teachers' perceptions of online learning technology. Britzman (2012) stated that practice makes teachers better at teaching.

Pleger & Villringer (2013) perceptions affect decision making. Perception of online learning can affect teachers' decision to continue online learning after the pandemic

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source: https://en.unesco.org/covid19/educationresponse#schoolclosures

METHODOLOGY



- course is taught virtually
- Further research with more participants and more courses should be conducted in the future.

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FINDINGS







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