



**INTEGRASI PENELITIAN-SEMINAR HASIL : USING
INSTRUCTIONAL TECHNOLOGY PADA MEDIA
PLATFORM BELAJAR OLEH PESERTA
DIDIK, MAHASISWA, GURU, DOSEN**

**DIPERSENTASIKAN PADA SENSASI ONLINE PD-
PGMI INDONESIA, 21 OKTOBER 2023**

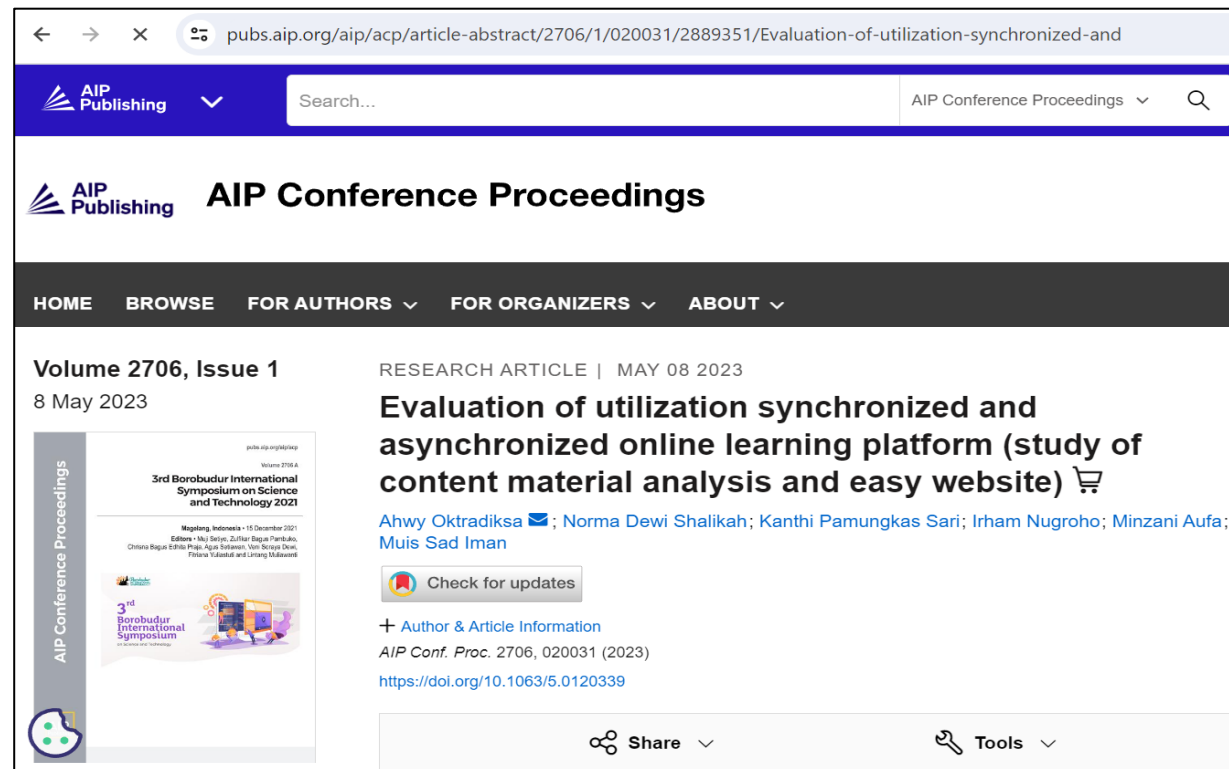
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Sekum PD-PGMI 2023-2027

JUDUL

Evaluation of utilization synchronized and asynchronous online learning platform (study of content material analysis and easy website) dengan link : <https://pubs.aip.org/aip/acp/article-abstract/2706/1/020031/2889351/Evaluation-of-utilization-synchronized-and>



The screenshot shows the AIP Publishing website interface. At the top, there is a navigation bar with the AIP Publishing logo, a search bar, and a dropdown menu for 'AIP Conference Proceedings'. Below this is a main header with the AIP Publishing logo and the text 'AIP Conference Proceedings'. A secondary navigation bar contains links for 'HOME', 'BROWSE', 'FOR AUTHORS', 'FOR ORGANIZERS', and 'ABOUT'. The main content area displays the article details for 'Volume 2706, Issue 1' dated '8 May 2023'. The article title is 'Evaluation of utilization synchronized and asynchronous online learning platform (study of content material analysis and easy website)'. The authors listed are Ahwy Oktradiksa, Norma Dewi Shalikhah, Kanthi Pamungkas Sari, Irham Nugroho, Minzani Aufa, and Muis Sad Iman. There is a 'Check for updates' button and a '+ Author & Article Information' section. The article is identified as 'AIP Conf. Proc. 2706, 020031 (2023)' with a DOI link: <https://doi.org/10.1063/5.0120339>. At the bottom of the article preview, there are 'Share' and 'Tools' options.



INTRODUCTION

Since 2014 the emergence of **Ruang Guru company in Indonesia has a mission to provide and expand access to quality education for all students**, anytime and anywhere. In 2021 the Ruang Guru has been attended by approximately 22 million students. Ruang guru offers a school curriculum-based learning platform through interactive video tutorials with selected educators and animations on a mobile application. With this, students who often play cellphones with games (online gamers) change their mindset to watch the teacher's room as access to online learning this platform can make students comfortable in accessing teaching materials. **For example, posting material notes, formulas, guidelines for working on the material, answer keys. On the Ruang guru website that is available design features that can and easily attract students' interest in learning.** This online learning-based learning technology can change the user's perception of entering the environment and the learning needs of students online



INTRODUCTION

The trend of online learning has become a new style and culture for the education system in Indonesia since the coronavirus disease 2019 (Covid-19) pandemic was implemented. The change of learning model to learning with online distance learning techniques. The use of the internet has become **an interesting study and also as assessment for having learning result**, because it is part of a tool to support the quality of online learning. Based on the latest We Are Social report, in March 2021, Indonesia was ranked 3rd with a total of 212.35 million internet users in Indonesia. Based on a total population of 272.1 million people, 67 percent of Indonesia's population has experienced **access to cyberspace**. This report is also known to the people of Indonesia who have 338.2 million mobile phones and 160 million active users of social media. **So it is uncertain if the development of communication technology has a significant impact on the ease of access to learning information**



THE AIMS AND BENEFIT

The aim of the study is to evaluate the use of online learning website platforms as learning media (students, scholars, teachers, lecturers, and parents) on the use of learning technology.

The benefit of this research is to contribute a reference to the choice of online learning platforms for students who are considered less than optimal in learning at school.



LITERATURE REVIEW

Technological innovation over the last **20 years has had a significant impact in all fields, especially in the field of education.** It is assumed to be a millennial year which should have resulted in an online learning evaluation. here are 3 reasons why learning must be done with technology, namely 1) technology can have an impact on the success of a quality learning process, 2) technology will bring the benefits of learning more efficiently; 3) with technology will find conclusions what are the advantages and disadvantages of the technology used [8]. These three criteria will encourage students **to understand the meaning of the difference between learning with technology and teaching with technology.** The concept of using educational technology can create experiences and an efficient learning environment.

The use of social media is part of the development of technological innovation through social networks that can **create and support interaction and collaboration in learning.** The positive impact is that learning can be done virtually without worrying about the limitations of space and time with a techno-pedagogical approach. **For example, by utilizing Website 2.0 which is used as a device for facebook, instagram, whatsApp, blog, Wikipedia, Twitter, all of which can be used as learning media.** The development of virtual or online learning offers many features of online learning. For example via email, learning management systems, online discussion boards, video conferences. The emergence of platforms with synchronized and asynchronized categories that offer an efficient and convenient way to achieve online learning objectives

RESULT



The Website for Online Learning

Below are popular paid online learning websites that are recommended by institutions to visit as online learning facilities:

TABLE 1. Website online learning

Online learning method	Online learning platform	Link Website
Synchronized	Quipper	https://link.quipper.com/id/
	Ruang Guru	https://www.ruangguru.com/
	Zenius	https://www.zenius.net/
Asynchronous	Ruang belajar	https://belajar.kemdikbud.go.id/
	Ide pendidik	https://gkmdrasah.kemenag.go.id/ide-pendidik/

Status of Online Learning Website Users

The results of the search for the status of active users of online learning websites:

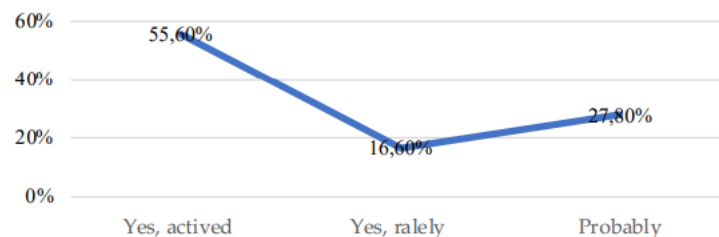


FIGURE 2. The user utilized the website

The Reason Why the Active User is Utilized by the Online Learning Website

Researchers analyzed the usefulness of 5 online learning websites for users (scholars, students, educators, lecturers, and parents). The results can be found in the following graph:

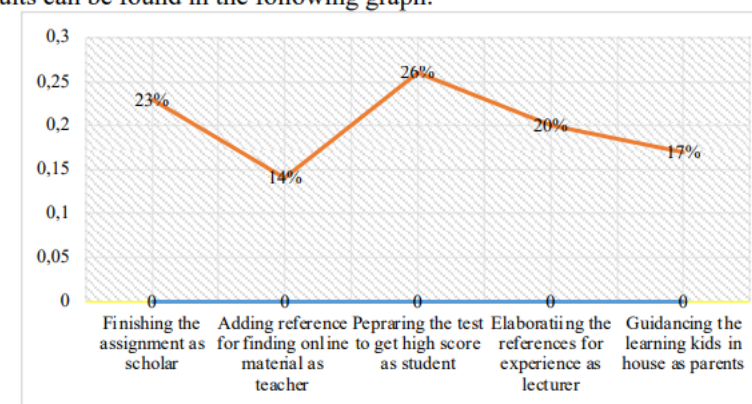


FIGURE 3. The website helps the learning goal

RESULT

Here Are the Options of Website Learning Online

The researcher analyzed the choices of online learning websites that were considered popular (guru, zenius, and quipper) and must be visited as institutional shelters (the ministry of education and culture with a study room platform) and (the ministry of religion with an educator idea platform. And concluded as follows:

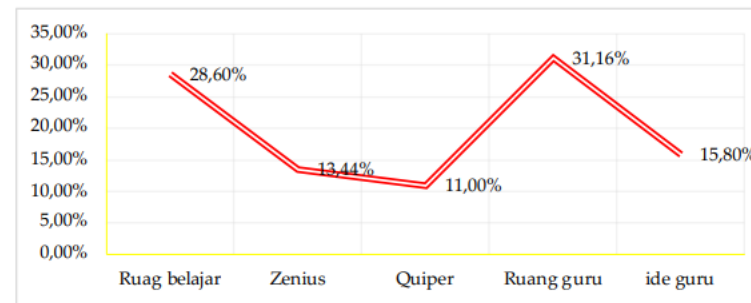


FIGURE 4. The optional of website online learning.

TABLE 2. Analyzing survey in website online learning

Online learning method	Online learning platform	Link Website	Material analyzing	Easy to understand
Synchronized	Quipper	https://link.quipper.com/id/	Recommended to be used	Recommended to be used
	Ruang Guru	https://www.ruangguru.com/	Recommended to be used	Recommended to be used
	Zenius	https://www.zenius.net/	Recommended to be used	Recommended to be used
Asynchronous	Ruang belajar	https://belajar.kemdikbud.go.id/	Recommended to be used	Recommended to be used
	Ide pendidik	https://gtkmadrasah.kemendikbud.go.id/ide-pendidik/	Recommended to be used	Recommended to be used

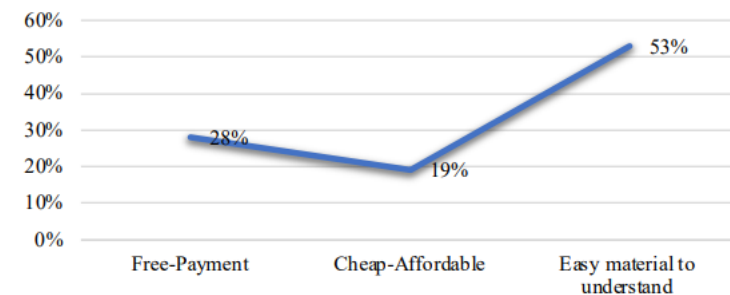


FIGURE 5. The reason of using website learning online

