The Role of EducationManagement in E-learning Era

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Abstract

Modern education based on knowledge management cannot be imagined without digital technologies. Though, of course, it does not change traditional classroom. It diversifies and perfects teaching processes. The term E-learning refers to a novel teaching and learning in education. This educational high technology is an important part of today's world, which delivers, supports and enhance the quality of learning. E-learning involves the participation of instructors, and students and mentors who use this technology to update their work. This paper reports on the extent to which the effectiveness and students' attitudes towards e-learning impacts their learning styles.

Key words: E-Learning, Education, Technology.

INTRODUCTION

Today, in a rapidly changing world education plays an important role (Heaverly & EWK, 2020),(Isnain et al., 2021),(V. A. Safitri et al., 2019). Primary, secondary and tertiary education are responsible for human resources (Pinem, 2018),(Endang Woro Kasih, 2018),(Mata, 2022). Over the last few years, e-learning has become an important resource for expansion and learning in education (BRONDONG, n.d.),(NASIONAL, n.d.),(Amin, 2020). Moreover, currently Covid 19 is attacking various groups, both young, old and toddlers (SETIYANTO, 2016),(Marlyna, 2017). This virus attacks and makes it difficult for people regardless of class, age, belief, religion, skin color and even country (CS, 2019),(Aditomo Mahardika Putra, 2021),(Savestra et al., 2021). Due to the opportunities created by e-learning, the teaching and learning process can now happen anytime and anywhere (Celarier, n.d.),(Cindiyasari, 2017). New media such as the internet have become an important way of providing research and learning resources for teachers and students to share and obtain information (Kustinah & Indriawati, 2017),(Sukawirasa et al., 2008),(Hafidz, 2021). The explosive growth of the World Wide Web (WWW) has made information technology a popular platform for providing electronic services, electronic learning services (an Environmenta, n.d.),(Yuninda, 2020).

With the developing of computer and Internet technologies, this technology has a high interaction and collaboration level between instructors or lectures and peers than traditional environment for learning (Akbar, 2019),(Bonar Siregar, 2021),(Budiman & Sidiq, n.d.). Hence, e-learning system might be able to deliver a broad array of solutions to enable learning and improve students' performance (PUSPITASARI, n.d.),(PRASETYAWAN, n.d.).

LITERATURE REVIEW

E-learning, in spite of the advantages that it has when adopted in education, also has some disadvantages (Handayani et al., 2022),(Saputra, 2020a),(AS & Baihaqi, 2020). Studies support that e-learning possesses some disadvantages (Saputra, 2020b),(Suwarni et al., 2022). For example despite the claims that e-Learning can improve the education quality

argue that making learning materials available online results in improved learning results only for specific forms of collective assessment (Kurniawan, 2020),(Mathar et al., 2021),(Damayanti et al., 2021).

- E-learning as a method of education makes the learners undergo contemplation, remoteness, as well as lack of interaction or relation (Bertarina & Arianto, 2021),(Agustina & Bertarina, 2022),(Sanjaya et al., 2014). It therefore requires a very strong inspiration as well as skills with to the management of time in order to reduce such effects (Songati, 2018),(Hasan, 2018).
- With respect to clarifications, offer of explanations, as well as interpretations, the e-learning method might be less effective that the traditional method of learning. The learning process is much easier with the use of the face to face encounter with the instructors or teachers (An'ars, 2022),(Anars et al., 2018).
- When it comes to improvement in communication skills of learners, e-learning as a method might have a negative effect (Supriadi & Oswari, 2020),(Putri et al., 2021),(Rossi et al., 2021). The learners though might have an excellent knowledge in academics, they may not possess the needed skills to deliver their acquired knowledge to others.
- Since tests for assessments in e-learning are possibly done with the use of proxy, it will be difficult, if not impossible to control or regulate bad activities like cheating.
- E-learning may also probably be misled to piracy and plagiarism, predisposed by inadequate selection skills, as well as the ease of copy and paste (Susanto et al., 2021),(Pramita et al., n.d.).
- E-learning may also deteriorate institutions' role socialization role and also the role of instructors as the directors of the process of education.
- Also not all fields or discipline can employ the e-learning technique in education. For instance the purely scientific fields that include practical cannot be properly studies through e-learning. Researches have argued that e-learning is more appropriate in social science and
- Humanities than the fields such as medical science and pharmacy, where there is the need to develop practical skills.
- E-learning may also lead to congestion or heavy use of some websites. This may bring about unanticipated costs both in time and money disadvantages.

Every offline and online learning has its advantages and disadvantages. For now during the pandemic, all educational institutions have decided to carry out online learning in accordance with the rules given by the Minister of Education. Students and students are helped by this e-learning, here are some of the advantages that exist in E-learning:

- It is flexible when issues of time and place are taken into consideration. Every student has the luxury of choosing the place and time that suits him/her. The adoption of e-learning provides the institutions as well as their students or learners the much flexibility of time and place of delivery or receipt of according to learning information.

- E-learning enhances the efficacy of knowledge and qualifications via ease of access to a huge amount of information.
- It is able to provide opportunities for relations between learners by the use of discussion forums. Through this, e-learning helps eliminate barriers that have the potential of hindering participation including the fear of talking to other learners. E-learning motivates students to interact with other, as well as exchange and respect different point of views. Elearning eases communication and also improves the relationships that sustain learning. E-Learning makes available extra prospects for interactivity between students and teachers during content delivery.
- E-learning is cost effective in the sense that there is no need for the students or learners to travel. It is also cost effective in the sense that it offers opportunities for learning for maximum number of learners with no need for many buildings.
- E-learning always takes into consideration the individual learners differences. Some learners, for instance prefer to concentrate on certain parts of the course, while others are prepared to review the entire course.
- E-learning helps compensate for scarcities of academic staff, including instructors or teachers as well as facilitators, lab technicians etc.
- The use of e-Learning allows self-pacing. For instance the asynchronous way permits each student to study at his or her own pace and speed whether slow or quick. It therefore increases satisfaction and decreases stress (Hendrastuty, 2021),(Styawati et al., 2021).

The above-mentioned advantages of e-learning has been summed up by noting that the ability of e-learning to assess the students or learners as they learn, and at the same time increasing their experiences in education, by way of interactivity suitable to community education, cultural diversity and globalization, and eradicating boundaries of place and time (Dharma et al., 2020),(V. A. D. Safitri & Anggara, 2019),(V. A. Safitri et al., 2020).

METHOD

For this study, an online questionnaire was used to investigate students' opinions and evaluations about e-learning about its use / application in their own learning. An online survey was initiated and circulated via Google forms among PBI students at the Indonesian Technocrat University. The online quantitative survey consists of 5 questions about their experiences during e-learning. Students filled out an online questionnaire, expressing their opinion about the e-learning system being studied.

RESULTS AND DISCUSSION

The purpose of this paper is to determine the role, strengths and weaknesses of E-learning. The collected data is analyzed using Google Forms. Based on the data below, E-learning can help students learn anywhere and anytime.

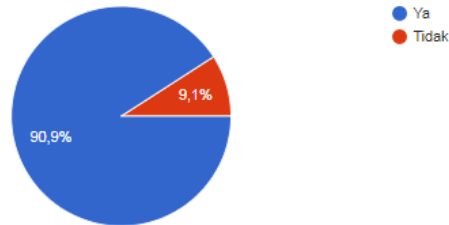E-learning membuat anda dapat belajar dimana saja, kapan saja?

11 tanggapan

● Ya
● Tidak

9,1%

90,9%

Figure 1 The Result of Questionnaire

During the current Covid 19 pandemic, all educational institutions have implemented learning activities as E-learning

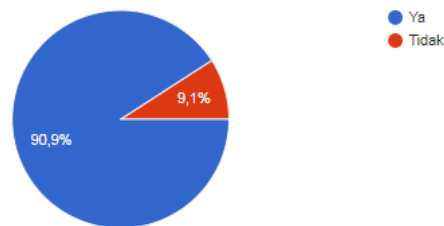Selama pandemi Covid 19 apakah anda melakukan E-learning?

11 tanggapan

● Ya
● Tidak

9,1%

90,9%

Figure 2 The Result of Questionnaire

It is in this current situation that makes E-learning have a big role in participating in improving the quality of learning.

Menurut anda apakah E-learning sangat membantu anda dalam situasi saat ini?
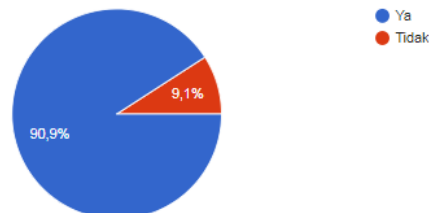
11 tanggapan

● Ya
● Tidak

9,1%

90,9%

Figure 3 The Result of Questionnaire

But not only has it positive values, E-learning also has several significant problems that often occur during learning, as shown in the picture below.

Figure 4 The Result of Questionnaire

CONCLUSION

E-learning can be an effective tool for transferring knowledge and has the potential to overtake traditional teaching methods. Web-based training helps facilitate students and instructors in an educational environment. Currently, many universities and other education institutions are implementing e-learning systems in their own training programs to meet the needs of their students, especially in the current Covid 19 situation which requires students to study online. The results of a survey of students' attitudes towards E-learning show that they do need it. Because E-learning can match students' learning habits. This can be a very effective and practical method of learning. However, E-learning support is not sufficient to ensure effective incentives for effective learning, students do need social interaction with their mentors and fellowships during their academic year. As a result, there is a real need for an established E-learning environment that teachers and students can rely on. I firmly believe that with the complement of instructors, mentors, E-learning will become more popular in the future to make users feel comfortable and safe.

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