

THE EFFECT OF E-LEARNING ON STUDENTS' ACADEMIC PROGRESS

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Abstract

Educational Technology has shown itself to be one of the most valuable educational tools that are accessible in the current century. Education in the modern world is acquiring an ever-increasing amount of vitality. The Internet has made it possible for people to see content from the other side of the globe. Many different kinds of educational technologies have been utilized as media in the teaching process. Some examples of these technologies include projectors, laptops, mobiles, plasmas, and so on. E-learning has recently emerged as the most efficient method by which individuals may teach and be taught over the Internet. The importance of e-learning resources for the employment of academic educators was identified and explored in this article. The videophone system, digital library, personal computer, and compact discs are only a few of the items that fall under this category. The advantages of e-learning include collaborative study and a virtual library, among other advantages. It is suggested that education should include computerized technology so that

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Introduction

Using modern technology is necessary for the learner to not be left behind. Learners to not be left out of what is occurring in the world, they must use the internet, and this needs to start from the foundation of education (Adebola, 2008). Technological advances are occurring at a pace that has never been seen before, and if individuals do not have the appropriate tools, they face the danger of falling behind. Learners no longer have to travel to libraries to acquire information or knowledge since the internet can now be accessed by the users at home, place of business, and in public places such as cafes and restaurants. According to Bakare (2007), computer-assisted learning is one of the opportunities of the current era. Learners in higher education institutions who have more access to the Internet perform much better. Therefore, universities are expected to use modernized, updated, and installed virtual libraries to help students learn.

Due to the fast advancement of technology, students can easily find their own ways into many aspects of life, including personal, professional, academic, and social spheres. According to Bakare (2007), all contemporary technologies bring to light a variety of previously unimaginable doors and prospects for educational institutions at all levels. However, there is a lack of agreement about how e-learning should be implemented and manage E-learning that takes place in the digital dominion.

Benefits of E-Learning

Convenient

According to Kerman (2004), students do not need to be physically present to participate in online learning. Learning takes place at the learner's speed and place. Students may study in a variety of settings, including at home, at work, or while traveling; one can read materials online or download them to read at a later time.

Collaborative work

Nowdays, technological simplifies the process of cooperation among academics. Borofield and Akinyede (2005) argued that since many investigations or projects require collaborative learning, the

online environment is much simpler and, in many cases, considerably more pleasant to work in. This is because learners do not need to be in a face-to-face setting. Technology will make it much simpler for adult educators to expand the intellectual horizons of their students.

Accessible

Learners may attend classes regardless of geographical, technological, or financial constraints thanks to the advent of e-learning which enables academic educators to share their knowledge and experiences with colleagues in worldwide. According to Borofield and Akinyede (2005), recognized authorities also have the option to make information accessible on a global scale to anybody interested in at low cost.

Informative

E-learning allows learners to improve the skills and competencies necessary for their various professions. E-learning benefits both the students and the teachers so it is a requirement of working in academic institution that teachers should have the digital literacy abilities necessary for their professional fields and occupations.

E-Learning Facilities

Videophones

To deliver lectures, videophone systems are very effective and efficient forms of communication tools. It offers teachers and the students the ability to see each other face-to-face on the screen and to engage with each other in the classroom. It also makes the classroom available online. Students make their lesson notes using their computer while the teleconference is in progress; the instructor, on the other hand, can be attentive to the teaching methods of teleconferencing throughout every tele-tutorial session. The delivery of lectures and other forms of instructional communication are facilitated easily using this method.

E-mail

Electronic mail is a term that may be used interchangeably with e-mail. It allows for the sending and receiving of mail even when the people involved are not physically present at the same moment. At any given moment, people working in every sector can send and receive e-mails. What is required is that the sender and the receiver should have an e-mail address. Yahoo, Hotmail, Eudora, and email are just a few examples of the many websites that provide email services. Email messages may have binary information attached to them. It may consist of graphical images, audio files, word processor files, and computer applications. E-mail may be used to improve communication in the classroom, both with students and with teachers. Email communication is a very important since it helps the learners get not only textual materials but also photos, sounds, graphics, data, and software. In addition, written projects, papers for seminars, conferences, and workshops, as well as resources for teaching and learning and tutorials may all be sent by email. Learners will be able to get feedback from their teachers quickly if they communicate with their teachers by e-mail. Learners may read email messages whenever it is most convenient for them, and they can readily save copies of the messages for future reference.

CD-ROM

The abbreviation "CD-ROM" stands for "Compact Disc Read-Only Memory." Information and communication technology has produced this device which is a secondary storage disc. According to Herbert (2007), computer-based learning entails the use of pre-made CD-ROM packages for both instructing and studying. It is possible to keep massive volumes of material, such as textbooks, reference books, journals, dictionaries, and encyclopedias on it. According to Ojo-Igbinoba (1995), the largest collection of library catalog cabinets in the world may currently be housed on a handful of compact discs (CD-ROM). E-learning in academic settings values the CD-ROM for its usefulness. For instance, a CD-ROM set that covers various media techniques that may be used in academic instruction might be very helpful for courses that are conducted online.

Digital library

A virtual journey to the library is now possible because of the internet. Students may read books of varying lengths, journals, periodicals and even newspapers on the internet. Through the usage of the digital library, learners will have access to a variety of books which may be helpful for their academic studies.

Computer

A computer is an electrical equipment that is capable of receiving data as input, processing that data, storing the processed data and retrieving the stored data when it is required. According to Fuori and Gioia (1991), computer networks make it possible for users located in different parts of the world to exchange programs and data. A computer may function as a digital library and be used to compile any knowledge pertinent to educational pursuits. In the context of E-learning, computer programs like computer-aided instruction may be used for a variety of purposes which includes games and simulations, tutorials, problem-solving, drills and practices. In addition, computer can also be used to manage instruction in preserving learners' records of tests, quizzes, exams, marking, scoring and grading students' results.

Conclusion

Learners and teachers at academic institutions should have a greater awareness of and exposure to e-learning to avoid falling behind in the increasingly globalized world. E-learning is the most advanced and quickest method of transforming and acquiring education. To maximize the use of modern technology, students and teachers need to be introduced to the various possibilities that learning presents. In this study, an attempt was made to investigate the benefits of E-learning among students and teachers working in tertiary institutions. The article also demonstrates the positive effects that E-learning may have on teachers in academic settings. The investigation also discloses the E-learning facilities.

Recommendations

The following are some suggestions that might be considered in light of using E-learning effectively:

- The institutions need to make available computerized or digital libraries so that information found on the internet may always be accessed so that users may constantly upload and download data.
- The government needs to take action to address the issue of power outages by maintaining uninterruptible power supply systems to guarantee consistent access to electrical power.
- Academic instructors need to ensure that they have a good understanding of how to use computers to keep up with the advances in global technology,
- Various organizations which are in charge of administering academic institutions should periodically provide training for teachers and students to stay up with the latest technological advancements.

Bibilography

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