

## The imperative outcome of E-Learning in the integrated education system: An appraisal

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### Abstract

E-learning in education refers to the use of modern technology, such as computers, digital equipments, network, digital devices and allied software and course-ware. Significantly e-learning in fact represents the utilization of electronic media and information and communication technologies in education which keeps positive impacts on integrated education system. It is gradually increasing and world's learners are becoming dependent on e-literacy. E-learning is getting more appreciations everyday because of its rapid function. Teachers and students are now considering e-learning as a contingent materials provider. Lots of sources such as Wikipedia, encyclopedia, Banglapedia, search engines, different literary, social, educational and linguistic websites; thoughtful and particularly-facilitated software are already proved to be obliging to all learners. Online degrees are now globally offered and obtained in most of the universities of the developed and developing countries. E-teachers are teaching worldwide through the assistance of modern technology. So the effects of e-learning are reasonably imperative, affirmative and unavoidable in the current global context.

**Keywords:** Learning dais, Didactic approach, E-language, E-teachers, E-literacy

### 1. Introduction

Now-a-days teaching and learning have become prompt and immediate. Teachers are teaching from a country but students of several states can attend the classes at a time because of the blessings of modern technology. E-learning is an educational approach or tool that supports traditional subjects; a technological medium that assists in the communication of knowledge, and its development and exchange; an educational subject; such courses may be called Computer Studies or Information and Communication Technology. E-Learning is the centrally supported course management system. E-Learning is powered by Sakai, an advanced web-based collaboration environment. Sakai is an open source system created by a consortium of higher education institutions. E-Learning allows us to improve our skills with self-paced, interactive, and engaging online training.

E-Learning provides a secure online system for student submissions and assessments, posting grades and content, and communication among class participants. E-Learning also supports researchers, staff, and students who can create Project Sites for collaboration, document management, and communication. E-learning can occur in or out of the classroom. It can be self-paced, asynchronous learning or may be instructor-led, synchronous learning. E-learning is suited to distance learning and flexible learning, but it can also be used in conjunction with face-to-face teaching, in which case the term blended learning is commonly used.

### 2. Objectives

This article will deal with the expansion, advantages and shortcoming of e-learning in the present integrated education system in the 21<sup>st</sup> century modern world. This work will also find out the learning platforms and positive impacts of e-learning. Effective e-learning and e-language are exposed and briefly explained in the inner contents.

### 3. Review and Method

Based on the materials of e-learning and its impacts, enough critical essays and analyses were published in the shapes of different books and in many literary journals which are very useful as the sustaining materials for further study of the thesis. Moreover, the different educational and social web sites and research journals also remain supportive for the study. Online information about the virtual education or online education system is also proved to be convincing. The most supportive method for the study was 'observation method'. The researchers have gone through different critical articles and books in order to be acknowledged in the related materials.

### 4. Etymology of 'e'

E-learning is an inclusive term that describes educational technology that electronically or technologically supports learning and teaching. Bernard Luskin, a pioneer of e-learning, advocates that the 'e' should be interpreted to mean "exciting, energetic, enthusiastic, emotional, extended, excellent, and educational" in addition to 'electronic'. This broad interpretation focuses on new applications and developments, and also brings learning and media psychology into consideration. Parks suggested that the 'e' should refer to "everything, everyone, engaging, easy".

### 5. Learning Dais

E-learning is broadly inclusive of all forms of educational technology in learning and teaching. The learning platforms for e-learning are several in numbers. E-learning is inclusive of, and is broadly synonymous with multimedia learning, technology-enhanced learning, computer-based instruction, computer managed instruction, computer-based training, computer-assisted instruction or computer-aided instruction, internet-based training, web-based training, online education, virtual education, virtual learning environments, m-learning,

and digital educational collaboration. These alternative names emphasize a particular aspect, component or delivery method.

E-learning includes numerous types of media that deliver text, audio, images, animation, and streaming video, and includes technology applications and processes such as audio or video tape, satellite TV, CD-ROM, and computer-based learning, as well as local intranet/extranet and web-based learning.

## **6. Didactic Approach**

The point to which e-learning supports or substitutes other learning and teaching approaches is capricious, ranging on a continuum from none to fully online distance learning. A variety of descriptive terms have been utilized to classify the extent to which equipment is used. For example, 'hybrid learning' or 'blended learning' may refer to classroom aids and laptops, or may refer to approaches in which traditional classroom time is reduced but not abolished, and is replaced with some online learning. 'Distributed learning' may describe either the e-learning component of a hybrid approach, or fully online distance learning atmospheres. Another scheme described the level of technological support as 'web enhanced', 'web supplemented' and 'web dependent'.

## **7. E-language Matters**

E-language has become popular in these days. Many words are being included in the dictionaries because of the impacts of e-learning and internet using. Some words have been too short for using in the email or facebook messaging systems. The word 'message' itself has been in a short form in 'msg'. The word 'education' has been 'edn'. The word welcome has been too short as 'wc'. Fine becomes 'f9'; 'tc' symbolizes take care; 'Gd n8' symbolizes good night. Our young generation of 21<sup>st</sup> century accepts these short forms warmly and thus language gets a great impact on its forms and rules. Even while chatting the teens and youths are using too short forms to understand and exchange opinion quickly. They write "h r u?" in lieu of a full sentence "How are you?" So, the world is getting more and more changed and upgraded.

## **8. Discussion**

### **8.1. E-Learning for Kids' Groundwork**

In today's complex world, children's futures are determined by their ability to master the basics of reading, science, math and computers. Yet costs, class sizes and other issues often prevent children access to quality online learning that can support and reinforce these essential skills. The 'E-learning for Kids Foundation' has offices in the USA and The Netherlands. Their vision is to be the source for childhood learning on the internet available from anywhere and without charge. Established in late 2004, e-learning for kids is a global, nonprofit foundation dedicated to fun and free learning on the internet for children ages 5 to 12. They offer free, best-in-class courseware in math, science, reading and keyboarding; and we're building a community for parents and educators to share innovations and insights in childhood education.

### **8.2. Effectual e-Learning**

Effective e-learning comes from using information communications technology (ICT) to broaden educational opportunity and help students develop the skills they-and their countries-need to thrive in the 21st century. While conclusive, longitudinal studies remain to be done, an emerging body of

evidence suggests that eLearning can deliver substantial positive effects such as Students are more engaged and able to develop 21st century skills. Teachers have a more positive attitude toward their work and are able to provide more personalized learning. Family interaction and parental involvement may increase. Communities benefit from bridging the digital divide. Economically disadvantaged students and children with disabilities benefit particularly. Economic progress can result from direct job creation in the technology industry as well as from developing a better educated workforce.

### **8.3. Internet**

Recently, the Internet has become an increasingly important feature of the learning environment for teenagers. Research by the Pew Internet & American Life Project in November and December 2000 shows that teens use of the Internet as an essential study aid outside the classroom and that the Internet increasingly has a place inside the classroom. Now a day's internet is vital in completing school projects and has effectively substituted the library for a large number of online youth, students use internet as a primary source for their last major project, and they can also report access online study aids like shmoop, Sparknotes, Cliff Notes and some other useful literary and linguistic websites which are highly educative. Beyond justifiable support with studies via websites, or email or Instant message communication with teachers have also enhanced a lot by the help of internet.

### **8.4. Academic Learning through Online Teaching System**

#### **8.4.1. Online Schools**

E-learning is progressively being utilized by students who may not want to go to conventional schools due to ruthless allergic reaction or other remedial issues, fright of school violence and school bullying and students whose parents would like to home school but do not feel qualified. Online schools create a safe haven for students to receive a quality education while almost completely avoiding these common problems. Online charter schools also often are not limited by location, income level or class size in the way brick and mortar charter schools are. National private schools are also available online. These provide the benefits of e-learning to students in states where charter online schools are not available. They also may allow students greater flexibility and exemption from state testing.

#### **8.4.2. Online Universities**

There are several online universities around the world. Traditional, classroom-based education is not always the best fit for everyone. Some are interested in online education system. According to the needs of those learners some universities offer online degrees. Ashford University is one of the nation's premier centers for students interested in obtaining their online degree. Ashford's mission is to provide accessible, affordable, & innovative learning opportunities to students. Committing itself to providing high quality online education, University of Phoenix is a great fit for students seeking an accredited online university offering doctoral, masters, bachelor's, and associate's degrees. Liberty is the results-focused University that accommodates your lifestyle with quality undergraduate & graduate programs. Liberty University Online offers a unique approach to online education.

### **8.4.3. E-teachers**

E-teachers are now appointed by the well-known universities of the world. Thus the popular and the most intellectual teachers can teach all over the world using internet facilities. The scholarly teachers of a country can now teach in many institutions of his country at a time and in the universities of other countries as well. As a result understanding and comprehending have been effortless and lucid. The vastness of knowledge is being spread worldwide. Better students and better teachers are created repeatedly. For a prompt example, a renowned Bangladeshi Professor of English at Jahangirnagar University, Dr. M. Maniruzzaman who is adequately specialized in Applied Linguistics and ELT is the E-teacher at University of Maryland, BC in TESOL Methodology and E-teacher (Assessment) at University of Oregon, USA. Likewise several Indian and American Professors are involved in different e- teaching and training programs round the year. Even conferences and seminars are also being held through online where the teachers and learners all over the world can participate simultaneously.

### **8.4.4. Virtual classroom**

Virtual classroom products are special synchronous/asynchronous collaborative training and working environments. Virtual classrooms try to allow a live classroom experience to be conducted over the Web. They provide functionalities such as Voice over IP (VoIP), Video conference, Shared whiteboards, application screen sharing, and live feedback, Archiving of classes as learning objects and Interconnectivity with LMS and LCMS. As a result the knowledge of a teacher is now not limited to his native country but also in other world.

### **8.4.5. Face to Face Class vs. Online Education System**

There will also be some differences that should be carefully considered. For example, face-to-face courses are set within a specific time and place and learning activities are somewhat limited by this. On the other hand, online courses are not limited by time and place. For instance, a face-to-face classroom discussion will have to take place during a class meeting that is typically one-three hours whereas an online class discussion may be open and available for a week or even for the entire semester. Likewise, communication in a face-to-face class will be mostly vocal, and students will be unable to review some of it (e.g. a lecture). However, in an online course, communication will be mostly written, and students will have the ability to review all of that content. Finally, online learners must be more independent and self-motivated as they will not have the regular class meetings with their instructor and classmates to keep them moving forward.

To sum up, it would be fair to say that in a traditional face-to-face classroom, the instructor guides and coaches moment by moment, while in an online environment, the student becomes the master of his or her own progress and success to a larger degree.

## **9. Findings**

### **9.1. Some Positive Effects**

There are lots of positive impacts of e-learning in the contemporary global context. E-learning has already contributed a lot and is continuing its contribution to remove the distance among the educational institutions worldwide.

### **9.1.1. E-literacy**

E-literacy is “the ability to access, analyze, evaluate and communicate information in a variety of formats.” —David Considine. Online education does not only mean to be entertained by media but to learn something from it. As a major part of the learning process is concentrated on children, media plays a significant role to satisfy their intellectual curiosity. Children often learn important things through the media, which change their perspective to life. Moreover, radio has now started to enter into the educational sector commonly known as Community Radio System, which indirectly forms the part of e-learning process. Computer based education has transformed the traditional offerings of distance learning. Recently a Bangladeshi American educator and entrepreneur namely Salman Khan has brought out a revolutionary change in e-learning. From a small office in his home, Salman has produced more than 4,800 video lessons teaching a wide spectrum of academic subjects, mainly focusing on mathematics and the sciences. Books and dictionaries are near at hand. Consequently students can learn more rapidly than ever before. It has been possible only because of E-learning system.

### **9.1.2. Current Global Education System**

In general, e-learning has made a tremendous impact on current global education system. The craze of media is such that no one can escape its vibe-be it the adult or youth. The role of internet in imparting education is increasingly on the rise. Electronic media surrounds us and is present in everything. This phenomenon has made learning easier and interesting for children. Television, radio, and computers are gradually entering classrooms and changing the way of learning. With the onset of new technologies and the emerging trends in the global economy, the present day education is changing. Therefore, there is a need to educate ourselves with the emerging wave of technology. It is well known that by learning to read and write, we can be called electronically literate. Similarly, in the 21st century, by gaining knowledge about the different aspects of electronic media, we can also be called media literate, although there are both positive and negative sides of it.

### **9.2. Internationalization of Educational Institutions**

E-learning may have positive impacts on internationalization within the educational institutions for higher studies. These are faculty role, student role, student and faculty migration, community and cultural context, availability of knowledge and information, educational access, and instructional strategies. Amarault and Visser suggest that in order to enhance internationalization in the online environment, faculty members should be open to taking on the role of facilitators. In this role, they must possess strong writing skills and be willing to assist students of various ethnic, cultural, and linguistic backgrounds to develop cognitive and met cognitive skills. Faculty participation in online course design acquires major importance, along with subject matter expertise. The collaborative engagement of students can be a very positive factor particularly when there is an opportunity for interaction between individuals from different cultural backgrounds, which may contribute to internationalization.

## 10. Compensation and Drawbacks

E-learning processes have lots of benefits and drawbacks. We can get improved open access to education, including access to full degree programs. Better integration for non-full-time students, predominantly in continuing education can be assured with the privileges of e-learning. We can also get enhanced interactions between apprentices and mentors. There is a stipulation of apparatus to enable students to autonomously resolve setbacks and a possession of technical proficiency through practice with tools and computers. There is no age-based constraint on complexity level.

E-learning has several demerits also. It has easy scopes of cheating. It may be unfair towards tech-savvy students over non-technical students. Teachers' lack of knowledge and experience to manage virtual teacher-student interaction is a barrier. The lack of social interaction between teacher and students and the lack of direct and immediate feedback from teachers can be noticed. Procrastination may also be a matter in e-learning.

## 11. Conclusion

Global distance has been removed for these new and innovative technologies. This advancement is shifting the education landscape and has escorted to pioneering approaches in learning and training which can be recapitulated under the term e-Learning. It has almost become an increasingly popular learning approach in higher educational institutions due to the rapid growth of Internet technologies. E-learning is the use of Information and Communication Technology (ICT) to enhance and facilitate teaching and learning that offers easy ways to teach and learn in a modernized way. This paper examines the application of e-learning model to explain acceptance of the e-learning technology within the academic settings. The study confirms that in order to foster individuals' intention to use an e-learning, positive perception on e-learning use is crucial. The article can be summed up with the recommendation that extensive procedural expansion is indispensable to adapt the wide-ranging methods for estimation of quality in higher education to the appraisal of superiority in e-learning.

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