

## IMPORTANCE OF E-LEARNING IN EDUCATION

**Dr. Suman Verma**

Associate Professor

Mats University, Raipur (C.G.)

### **ABSTRACT:**

This study proposes the importance of using e-learning in teaching in education. In the educational institutions, the issue of utilizing modern information and communication technologies ICT for teaching and learning is very important. This study gives a scholarly background to the study by reviewing some contributions made by various researchers and the institutions on the concept of e-learning, particularly its usage in teaching and learning in educational institutions. It look at the, importance, the role e-learning plays in educational institutions and the benefits of its adoption and implementation in education.

### **INTRODUCTION:**

E-learning has become as necessity in education institutions and is being deployed in educational establishments throughout the world. The rise of e-learning technology used by education institutions can be attributed to globalization. This is referring to political and economical phenomena, a worldwide integration or views, culture and products. The growth in the use of e-learning no doubt adds to globalization in educational institutions a retrying their utmost to break down geographical and social boundaries to offer distance learning education, this leads to integrations of academic standards and views. The internet has become one of the vital ways too make available resources for research and learning for both teachers and students to share and acquire information (Richard and Hay a 2009] E-learning and the application of Information and Communication Technology (ICT) into the traditional education systems India has continued to lag behind that of many industrialized nations<sup>1</sup>. However, most of the countries in the recent past adopted the implementation of E-learning and as a result, the online student population is increasing a relatively high rate. For this reason the need to adopt this new system in India has become highly inevitable as the traditional model has proven to be quite inappropriate in equipping the students from the complexities they are likely to encounter in the rapidly developing society. The Government of India and the University Grants Commission (UGC) has come to realization that information and communication technology (ICT) in education would bring the benefits into the current education system. Nowadays E-learning is the most valued trend in India, but implementation of E-learning systems however comes with as many challenges as the benefits, which need to be identified prior to making any major investment in the E-learning system of education. This is the reason why we have carry out a study in order to establish the benefits, limitations and barriers which are likely to face the expansion of E-learning in educational institutions in India. This information is likely to assist the effective implementation of new education system in order to make the process of sharing knowledge easier, faster and cheaper for many students in India and other nations across the globe. Identifying the barriers and other limiting factors will also help specialists to address such issues before hand thus improving the chances of achieving the much needed benefits of e-learning in Indian Universities.

In the past few years, advances in information and communication technologies couple with the continued changes in the society structure have created new paradigms for education all over the world. The adoption of ICT systems has led to an increased demand for open, flexible and distance learning systems, which are comprehensively referred to as E-learning. The commercialization of E-learning has made education easily accessible to many people across the globe thus facilitating the smooth flow of information at a cheaper cost.

### **Meaning and Concept of e-learning**

E-Learning is the process of sharing knowledge through various channels such as e-books, CDs, webinars, and more.

It has revolutionized the conventional method of chalk and board style of learning imparted to the students.

Unlike this, e-Learning education makes giving and receiving simpler, more prolific, and productive. Tutors apply the method of teaching purely through the latest technology.

We define E-Learning as Courses that are specifically delivered through the internet everywhere other than the traditional classroom where the teacher is teaching. E-learning refers to the use of the internet, technology, and acquired knowledge and Skills.

Thus, teaching and learning both become simpler, easier, and more effective.

### **Importance of e-learning**

- E-learning has been introduced to empower learners to get basic schooling and enhance skills. Also, they can obtain a degree certificate, without actually attending school or university or any other institution.
- For tutors, it is a great source of earning, wherein they can teach from anywhere in their preferred time.
- Applying e-learning to all levels of schooling helped to ensure students grasp the lessons adequately at a faster pace.
- According to psychology, the audio-visual method of teaching leads to a disciplined learning environment. There are effective tutor and student engagements.
- One of the **importance of e-learning in education** is that tutors and participants both can develop advanced learning skills. For example, creating and selling eBooks is one such advancement.
- E-learning has worked towards bringing learners, tutors, experts, practitioners, and other interest groups to one place. Thus, there is a good practice of knowledge sharing followed through different online platforms. This is important in current times as competition is rising and the world is also growing. Hence, quick information helps in the better growth of an individual.

### **Types of e-Learning or e-Education**

Digital and self-initiated learning can be acquired at the desired locations. One need not wander in search of learning as e-learning education is versatile and amply equipped to suit all learning methods.

E-Learning is conducted and eventuates in many forms and times is the blend of the following methodologies and practices:

- Completed online - no face-to-face meetings
- Provided through Mixed Learning - A blend of online and direct communication

### **That is in the two different forms**

1. Synchronous- the communication between the provider and the receiver happens directly as in chat rooms, or video-audio conferencing.
2. Asynchronous- The information is passed through forums, emails, wikis, etc.
3. It is promoted through self-study practices also.
4. Web-based learning is another better option
5. CD-ROMs provide subject-wise detailed learning
6. Audio and Visuals are supplementary, descriptive, and communicative methods.

### **Benefits of E-Learning in Education**

An analytical look at the benefits of online learning will make us consider how today's teachers, students, and institutes want to get relevant and easily accessible content.

This is fulfilled with the online mode of learning as the students can learn at their comfort and requirement.

- It ensures quick delivery of lessons. Traditional classrooms involve some kind of delay. Whereas, whereas eLearning provides expeditious and exclusive delivery of lessons. There is no procrastinator in eLearning. It is a quick way of learning!
  - The scalability of learning, content, and duration that is taken can be reasonably measured. It is beneficial to those who feel nervous and disconnected in groups. It helps one learn without having to give up the comforts of the environment. You are at ease with Consistency of exposure, inputs, results,
  - The method is made available at much-reduced costs. The importance of E-Learning education is that it is quick and does not require much cost. The long training period, infrastructure, stationery, travel expenses, etc. is reduced.
-

- The effectiveness of the transferred or imparted knowledge and learning is high and powerful. It makes information easy to grasp and absorb. The Audio-Visuals help in remembering knowledge for a longer time. Also, the courses which tutors prepare are well-planned.
- Mobility assured is a very comfortable and affordable option. Taking revision and getting hands-on with different courses is not that simple in traditional classes. Contrary to that, missed lessons can always be taken again online. This makes it easier for tutors to impart the right information.
- It promotes a self-paced learning process.

Through e-learning, students can develop a self-paced training schedule. Also, for tutors, things become quite easy. People working 9 to 7 or those who simply don't have the necessary time to conduct physical classes are no longer left behind.

They can take online sessions after work, in the evening, on the weekends, or whenever they are free. All they need is a proper internet facility, computer or laptop, microphones, and headphones. E-Learning has a vast amount of use and also helps students in education.

### **CONCLUSION**

In underdeveloped and developing countries, e-learning raises the level of education, literacy and economic development. This is especially true for countries where technical education is expensive, opportunities are limited and economic disparities exist. E-learning can be highly beneficial to both students and institutions if properly implemented. The impact of e-learning and internet technology on the quality of education in the institutions of education has predominantly influence the current studies.

### **REFERENCE :**

1. Richard, H. & Haya, A. (2009) Examining student decision to adopt web 2.0 technologies: theory and empirical tests. *Journal of computing in education*, 21(3). 183-198.
2. Fry (2001) Technology -biased e-learning encompasses the use of the internet and other important technologies to produce materials for learning, teach learners, and also regulate courses in an organization.
3. Abbad et al (2009) Looking under the Bonnet: Factors Affecting Student Adoption of E-Learning Systems in Jordan. *The International Review of Research in Open and Distance Learning*.
4. Smedley, J.K. (2010) Modeling the impact of knowledge management using technology. *OR Insight* (2010)23,233-250.
5. Hameed. S. (2008). Effective e-learning integration with traditional learning in a blended learning environment. *European and Mediterranean conference on information system*, (25-26).
6. Valentina Arkorful (2014) *International Journal of Education and Research*. Vol.2 December, 2014. pp. 397 410.