



E-Learning: In School Education Issues & Challenges And Advantages: A Review

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Abstract: The concept of E-learning is very worldwide. E-learning has flexible nature so it captures a broad range of electronic media like Internet, Intranets, Extranets, satellite broadcast, audio/video tape, interactive TV and CD-ROM to make the learning procedure more flexible and user friendly. This paper analyses the current e-learning procedure and showing the new dimension of research work on this area that follows the important and most neglected research areas till today in this domain. It also analyses the importance of e-education system and recent market of e-learning procedure.

Keywords: E-Learning Issues & challenges, E-Learning Benefits, E-learning tools.

I. INTRODUCTION

The use of electronic media and information and communication technologies in education, teaching and training is called E-learning.

We are often asked "What does the 'e' in 'e-learning' represent?" and the answer is that the 'e' used to represent 'electronic' OR 'enhanced'. E-learning involves the use of a computer or electronic device (e.g. a mobile phone) in schools the way of education should be electronic and electronic education material should be provided in the schools. E-learning is an approach to facilitate and improve education system by electronically. E-learning technology has the potential to bring improved learning opportunities to larger viewers than has ever previously been possible. E-learning includes all forms of electronically supported learning and teaching. The information and communication systems, whether networked learning or not, serve as specific media to implement the learning process [1]

In this present state technology is so develop that you can learn anything anywhere, anytime through E-learning. Some negative effects or issues of technology in today's classroom are that it can take away valuable learning time, it can be overused, and it can also turn educational experiences into games for students. E-learning might have a negative impact on the development of communication skills of pupil. In other words, although a learner might have acquired excellent academic knowledge, yet he or she might not have the skills to communicate this knowledge to others. E-learning might be less effective than face-to-face learning in terms of aspects of the learning process such as clarification and explanation, as these may be easier in face to face encounters. Meeting this challenge requires new thinking about how we acquire knowledge and skills as well as how we develop learning resources that can keep up with the knowledge economy. E-learning can be cost effective for students as they do not need to travel, and efficient in terms of time.

Through this paper, E-Learning is useful in the learning purpose as well as cost purpose but if we talk about the

school students there are some issues and challenges for the student's life it is not too much beneficial for their health as well as their learning skills & writing skills. This paper gives the information about the issue and challenges which are every student should know about basic knowledge of computers. This expounds the negative impact on school students.

After that we will work on the advantages of the e-learning impact on the school students it is useful for new media develop, their skills knowledge, participation of the world, achieving our full potential, at a time information, cost effective and save time, not every person feels comfortable learning in large group so it's discrete. It has the ability to provide distance learning.

II. WHAT IS E-LEARNING?

E-learning is an education via the Internet, network, or standalone computer. E-learning is basically the network-enabled convey of skills and knowledge. E-learning refers to using electronic applications and processes to learn. E-learning applications and processes include Web-based learning, Computer-based learning, virtual classrooms and digital collaboration. EL is when content is delivered via the Internet, intranet/extranet, audio or video tape, satellite TV, and CD-ROM. E-learning was first called "Internet-Based training" then "Web-Based Training" Today you will still find these terms being used, along with variations of E-learning. EL is not only about training and instruction but also about learning that is tailored to individual. There are six core aims of the e-learning programmed concern [1], they are-

- a. Practitioner confidence and skills
- b. Learner access and choice
- c. Flexible, customizable systems and tools
- d. Enabling, cost-effective technical infrastructures
- e. Enabling, responsive e-learning policies and processes
- f. Institutions using e-learning to widen participation, deliver flexible opportunities, support work-based learning.

III. E-LEARNING OBJECTIVES

E-learning offers online instruction that can be delivered anytime and anywhere through a wide range of electro learning solutions such as Web-based courseware, online discussion groups, live virtual classes, video and audio streaming, Web chat, online simulations, and virtual monitoring the objectives are:

- a. To reduce the need for classroom training
- b. To track employee progress
- c. To track training effectiveness (or absorption)
- d. To link training with Knowledge Management
- e. To reduce time away from the job
- f. To improve job performance
- g. To support business objectives
- h. To make learning available anytime, anywhere

IV. E-LEARNING TOOLS

A. Curriculum Tools:

This tools are used in school and college of education system for given education. Materials are selected and organized to facilitate class activities.

Student tool functions include:

- a. Browsing class material: readings, assignments, projects, other resources
- b. Collaboration and sharing: and asynchronous synchronous bulletin boards and discussion forums.
- c. Learning progress scheduling and tracking: assignment reminders and submission, personal calendars, and activity logs.
- d. Self-testing and evaluation: tests designed by instructors to evaluate student performance
- e. Web CT and Blackboard are the most popular commercial curriculum tools

B. Digital library Tool:

It support the exploration and collection phases of information search. Digital library features usually include search, browsing, and discovering special collections or exhibits. Search and browsing are used to locate resources and explore related topics.

C. Knowledge Representation Tool:

It help learners to visually review, capture, or develop knowledge. Curriculum tools rely primarily on a text-based, syllabus approach to describing course content. This approach often fails to delineate the relationship of concepts and skills covered in one course to those covered in another.

D. Some other knowledge representation tools are:

- a. Technological
- b. Evaluation
- c. Management
- d. Ethical
- e. Resource support
- f. Pedagogical
- g. Interface design
- h.

V. ISSUE & CHALLENGES

Learning Management System is the issue which come first and after that we will talk about the challenges of E-Learning.

A. Bad Effects on School Students:

- a. Unmotivated learners or those with poor study habits may fall behind.
- b. Students may feel out-of-the-way or miss social communication.
- c. Trainer may not always be obtainable on demand.
- d. Slow or unreliable Internet connections can be frustrating.
- e. Organizing learning software can involve a learning problem to the teachers as well as student.
- f. Some courses such as traditional hands-on courses can be difficult to simulate.
- g. Teacher's lack of knowledge and experience to manage virtual teacher-student interaction

B. Issues of E-learning:

a. Harm to Learners' Health:

More and more facts prove that long- time usage of computer can do harm to people's health. It mainly includes electromagnetic radiation, harm to eyesight and damage of organs and so on [2].

b. Eyesight effect:

E-learning is very much effective in eyesight because all the time we have to work on the screen, the series of changing and rolling up and down signals and figures will be harmful to eyes, which is weak to conduce to teenagers' shortsightedness and ciliary paroxysm.

c. Decrease of outer activity will results in decrease of functional capacity

Due to E-Learning there is very less face to face conversation in the class rooms. Though through E-Learning we can learn anywhere and anytime and no doubt it saves our time through it but by using it student would be habitual of it and will do the less efforts and their learning power would decreases and they have less importance for the physical activity The exploration into real world and face- to - face interpersonal contact will be replaced by contact of human and computer. The cost of contact of human and computer will cut down the opportunities of people's outer activities leading to reduction of people's functional capacity in comfortable time [2].

The use of e-learning will also address some of the wider issues such as:

- a. Potential to overcome barriers - Place, Pace, Time
- b. Wider participation - removing distance barrier
- c. ICT support tools - assistance for learning and physical disabilities
- d. Ability to tailor learning to individual needs

C. Challenges of E-learning:

In the school's student have to face many challenges concerning E-Learning. These challenges can be overcome by the learning management system some basic challenges which have to face by students are as follows-

- a. **Unavailability of Expert Teachers**– One of the big challenges of E-learning that a trainer should be expert he should know computer. If trainer doesn't know computer he is unable to learn from E-learning method and it will also not possible that he can teaches the student without difficulty.
 - b. **Student Dependent Learning**- E-Learning is simply can say that it is all student dependent learning method he should be self motivated he should be courage to learn by their own and we can say that Students themselves can be a limitation to E-learning.
 - c. **Poor or lack of time management**- Students may possesses poor time management skills. Some topics are not appropriate for E-Learning and then student don't have the skill how to use the time and e-learning.
 - d. **Internet connectivity (Non-availability of internet access)**- E-Learning is all depend on the electronic here electricity , internet access and connectivity should be there to perform any task. If we are working on network either electricity gone or internet access lost then not only learner attention also precious time also lost and it make effect on E-Learning class room.
 - e. **Training Requirement** – Untrained teachers are not able to teach the students who are beginners so it is very important that every teacher would be familiar to the computers or with the all E-Learning material.
 - f. **Internet connectivity**: The cost of accessing the internet in Nigeria is still on the high side. Hence, some students find it a challenge to afford. Aduke[4] suggested that the government should make Internet connectivity a priority for higher education to be able to leverage on the promises and opportunities ICTs present.
 - g. **Instructors need to rethink and fundamentally restructure e-learning classes**: In many if not most cases, faculty spend Substantial time and effort reengineering the course to adapt it for online delivery. This represents a significant amount of added effort for instructors [3] as well as for the readers too no one can learn or teach the electronic study automatically you have to give your efforts.
- b. **Learn 24/7**- If we want to learn as according to our own at anytime and anywhere by the online 24x7 Easy accessibility any where any time [4].
 - c. **Easy access study material**- Student may have that option to select learning material from any sight and what sort of material its available in simple language and in advance technology and the student can choose by their own.
 - d. **Online Learning values in E-Learning**- The role of the instructor is very important in the schools so in online learning we have provided a instructor and its all through the Learning Management System, We can question and can take the ultimate answers of any question. So it is also beneficial.
 - e. **Knowledge Development**- E-Learning is useful in developing the knowledge in the students about the internet as well as the computers skills that help learner throughout their lives and carrier.

B. For Teachers:

- a. **Less pressure & save time**- For the teachers it is to be important to save our time because time is too precious in our life so most important for the teachers when tests lasted an hour at a set time of day and the instructor usually had to stay up late to grade them and then detailed feedback for each and every individual student? For the teachers checking the papers effectively it is very time consuming process and e-Learning make it easy for the teachers.
- b. **Instant Grading**- Grading and giving feedback is probably the most time consuming task for the teachers. For the multiple choice questions it is done by e-learning that in the instant of time we can get the feedback that we are correct or not and what would be the right answer and Why? So here teacher have less work done and instant feedback and it saves time too.
- c. **Self assessment tool**- E-Learning is also a self assessment tool because the online test provides the user with result instantly. This is good for the students because by that he can get that where we are wrong or where not, where they need to focus and how they can improve their mistakes.

At the end we can say that some things are better by using the E-learning it effected on-

- a) Raising standards
- b) Improving quality
- c) Removing barriers to learning and participation in learning
- d) Preparing for employment
- e) Up-skilling in the workplace
- f) Every learner achieves their potential

VII. CONCLUSION

In this paper, we have presented a comprehensive survey of up-to-date researches of E-learning. E-learning is among the most important explosion propelled by the internet transformation. This allows users to fruitfully gather knowledge and education both by synchronous and asynchronous methodology to effectively face the need to rapidly acquire up to date know-how within productive environments.

VI. BENEFITS OF E-LEARNING

Earlier it received a bad impact (On Teachers & Parents) as many people thought bringing computers into the classroom would remove that human element that some learner need, but as time has progressed technology has developed now every person is using smart phones and tablets in the professional life and in education field as well as in classrooms. The most evident advantage of E-learning is that it allows flexibility and open learning for the students hence giving them time to attend to other things such as working and so forth [5].

There are several benefits of using E-Learning some of the main benefits of using E-Learning is given bellow-

A. For Students:

- a. **Cost Effective & Save Time**- If any student is not able to learn by going anywhere then that person can learn without going anywhere so it saves time at that place so E-Learning is beneficial at that point it save Time and cost will also reduce in that case.

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