

# **“E-learning: The Future of Education and Our Personal Value ”**

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**Research Guide**

## **INTRODUCTION**

Education nowadays is crossing all physical boundaries to reach students anywhere anytime. This blend of technology with the traditional method of learning is termed as eLearning. Online learning has proved to be a lifeline for working professionals, students who cannot travel to other countries, people with disabilities, and adults who want to pursue a higher degree.

E-Learning is proving to be helpful in accessing educational curriculum outside the traditional classroom using electronic technologies. In most cases E-Learning refers to a program or course delivered completely online. There are many terms used to describe e-learning that is delivered online, via the internet from Distance Education, to online learning, internet learning computerized electronic learning, and many others. We define e-Learning as courses that are specifically delivered via the internet to somewhere other than the classroom where the teacher and professor is teaching. It is not only a course delivered via a DVD or CD-ROM, video tape or over a television channel. It is interactive in that you can also communicate with your teachers, professors or other students in your class. Sometimes it is delivered live, where you can “electronically” raise your hand and interact in real time and sometimes it is a lecture that has been pre-recorded.

### **Meaning of E-Learning**

The implications of digitization are clearly visible in the field of education and have contributed to significant change in the way education is promoted, taught and consumed. The belief in written content or book-based learning and rotary learning is quickly becoming a thing of the past. Until the end of the last century, India's education system has been working on conventional classroom-based instruction, where students have not been granted the ability to engage in immersive sessions. In order to meet the demands of changing times, it has become important to make ideas simpler and students confident enough to cope internationally. With technology expanding to the education sector, the traditional classroom, once marked by dull hour-long sessions, is now turned into an interesting, fun-filled environment. Digital education has made life easier for both learners and educators.

E-learning is such a teaching learning process which is based on the help of electronic resources that called e-learning. E-Learning is the learning facilitated and supported by Information Communication technologies (ICT) to enable people to learn anytime and anywhere. E-learning is nothing but the use of technology to connect educators and learners who are physically miles apart. E-Learning involves the use of multi-media and other tools to enhance learning. E-Learning can include training, the delivery of just-in time information and guidance from real experts. While teaching can be based in or out of the classrooms, the use of computers and the Internet forms the major component of E-learning.

E-Learning is an interactive learning process that provides the learner with the use of communication process and information technologies and depends on an integrated digital electronic environment that displays courses across electronic networks, provides guidance and organizes set of tests as well as managing and evaluating resources and processes. The importance of e-learning has been introduced to empower the learners to acquire basic school education and enhance their skills, and degree can be obtained without actually attending any school or university or any other institution. Lessons can be understood faster through e-learning as there is facility where we can repeat a part again and again and learn at our own pace. Through e-learning, a person who has just left

his studies due to some reason can also continue his studies again. E-learning has been considered psychological because of the use of audio-visual material. Here tutors can teach anytime and anywhere at their own time and earn reasonable money. In the present scenario, even if the situation is unfavorable, teachers can get the syllabus completed at the right time with the help of e-learning.

### **Concept of Value**

The term 'value' was first time used in economics, then spread to many other disciplines, including philosophy. The word 'value' has been derived of a Latin word 'valeria' which means 'to be strong and vigorous'. A value is considered as an endeavour or effort which satisfies our need system – psychological and philosophical. Human beings differ in their psychological needs, hence different value systems and life styles. The term 'value' denotes for whatever is desired, approved and liked. Anything valuable to someone means he or she has valuable experience about the thing or idea or he or she has the desire for those things and desire due to his concept of liking about the thing. The value is something or anything (material or non-material) which appeals us and satisfying our needs. Value help a person to be self-motivated and self-evaluate. The importance of the life of any particular person is only by value and the meaning of his death also gives value. Without values one's life has no meaning and death becomes an inexorable and shattered sequence of events (Dutt, 1986).

### **Types of E-learning**

**Blended learning:** In blended learning, direct learning strategies within traditional classes are integrated with online learning tools through the Internet.

**Distance Education:** Distance education is the primary means of communication to bridge the gap between learner and teacher.

**Synchronous learning:** Synchronous learning the uses of teaching tools such as virtual classes, instant chat, Blackboard Collaborate, or text chat to integrate the learner and teacher together.

**Asynchronous Learning:** Asynchronous learning uses educational forums, and blogs

where digital educational content, special encyclopaedias, email, social networks are used.

**Mobile learning:** Mobile Learning is a system where education can be provided anywhere and at any time. Here such equipment is used which can be easily carried from one place to another like smart phone tablet, small computer, laptop etc.

### **Objective of The Study**

- To study the importance of e-learning on Education system in India.
- To study the benefits of e-learning on Education system in India.
- To analyze the advantage of e-learning in Indian Education System.
- To study the value of e-learning in Indian Education System.

### **Importance of E-Learning**

In the present time not only the learners but all the people have their own mobile book and customized material from which they can get online education. E-learning is a platform where students can learn according to their need and convenience. There are many benefits e-learning offers that will replace traditional education methods, including:

- ▶ E-learning has made education easier for everyone including housewives, office-goers, etc.
- ▶ E-learning today allows people to earn a degree and enhance their achievement without having to go to a college, educational institution or university traditionally.
- ▶ E-learning expands the entry opportunities in the field of education. As well as enabling working people to learn or degree without leaving their jobs.
- ▶ E-learning works to reduce costs, as there is no need for a private facility or building new classes to conduct courses and seminars, in addition to that there is no need to go to an educational facility and this would reduce transportation costs.

- ▶ E-learning is a step towards reducing the psychological barriers between the learner and the teacher.
- ▶ E-learning is available to all individuals and age groups, where people of any age are given the benefit of courses over the Internet which proves to be very helpful in acquiring useful skills without the limitations of traditional schools.
- ▶ E-learning enhances the learning process while minimizing wastage of time as the idea of loss of time during interaction and chatting and queries among students is eliminated. So that whatever a person learns, the amount automatically increases without any interruption.
- ▶ E-learning is flexible; especially since there are no links to the subject of time, so people can learn at any time they want according to the appropriate time for them.
- ▶ In e-learning all students have equal educational content as it provides neutral and standardized education, in addition to an impartial assessment of tests, and accuracy in tracking each student's achievements and record of his activities online.
- ▶ E-learning does not cause any adverse effect on the environment. Here the use of paper and pen is less as compared to traditional education, which reduces the damage to the environment.
- ▶ E-learning caters to the growing demand for education and at the same time has the potential to solve the problem of knowledge explosion.
- ▶ E-learning helps the learner to acquire knowledge on his own, as it achieves interactivity in the learning process.
- ▶ E-learning can be accessed anywhere, anytime. It is low in cost compared to traditional education.
- ▶ Everyone, who are part-time students or are working full time, can take advantage of web-based learning.

## **Benefits of E-Learning Applications**

There is no need to wander in search of learning in present times as e-learning education is flexible and has been equipped to fit all teaching methods. Digital and self-learning education can be achieved at appropriate locations.

The benefits of e-learning can be understood from the points mentioned how today teachers, students and institutions want to access important and easily available information in a simple way. This is accomplished by the online learning model when students are able to study even at their leisure. Teachers also get to work with a lot of flexibility.

## **Values of E-learning**

The values offered by e-learning can roughly be divided as values which relate to quality improvement, on the one hand, and to cost reduction on the other. Much has already been published about the latter category, while a more detailed elaboration of quality improvement by e-learning has not received as much attention as yet. That is why we are focusing on the values regarding the improvement of learning in this paper. In the diagram below we have indicated which values are offered by each of the various types of e-learning:

## **E-learning as Learning Environment**

E-learning offers students more opportunity to engage in learning activities independently because they are permanently at their disposal and can be offered independent of place or time. Furthermore, e-learning makes it possible to offer the same learning content in various forms. Students themselves can then choose the form which suits them best. A simple example of this is the choice between listening and reading or both, or making a choice in the order of the material. Through e-learning the offer of the content can be tailored to personal needs (the starting level and the personal learning objectives). Communication among students themselves and communication with the teacher can be greatly improved because of e-learning being independent of time and place.

## **E-learning as an Environment for Development**

E-learning requires a much more distinct and detailed specification of the learning process and its result. Apart from the final implementation, this requirement alone can lead to considerable improvement in quality. Digitalization of the learning content can also contribute to more uniformity and consistency in knowledge and skills regarding content and level.

### **Advantages of E-learning**

#### **A Diverse Collection of Courses**

There is a variety in the levels and kinds of courses and programs, that e-learning covers. Fundamentals of Online Education, Gamification, k-12 Blended and Online Learning, Basics of Instructional Design, Digital Cultures, Learning of Instructional Systems Design are some of the programs covered under E-learning.

#### **Financial Benefits**

Financial benefits for the users include the absence of transportation costs. It also includes the cost of different study material, most of which is available freely online.

#### **Connect to a Global Platform**

Internet connectivity for learners around the world with eLearning gives them a comprehensive platform to interact with their classmates and express their ideas with each other. This interaction also involves their teachers and instructors. Such student-student and student-teacher interactions make the arrival of analyzed conclusions for the learners, quite easy and fast.

#### **Flexibility and Comfort**

There was a time when education was taken only within the boundaries of the house or inside the class room. At present, the facility of e-learning gives you the facility to study anywhere and under any circumstances. Today we can take botany classes while sitting

in the woods. We can take history classes while walking around the historical heritage. Agriculture can be taught while working in the fields. In this way, today we can run the teaching work smoothly even after being very close to our subject.

### **Self-paced Learning**

Any person in the world learns according to his self-regulated pace. Today e-learning gives us the facility to do our favorite work and at the same time keep studying. Just like a person can study while listening to music. It is an experience where we are enjoying ourselves and at the same time getting the comfort of learning.

### **Lifelong Learning**

Learning through the online electronic medium is a great fun! Be that just now or 10 or more years later. You just need to have modern computer-based communication devices and an internet connection.

### **Eco-friendly**

Producing study-articles via offline mode like study-material, paper, pen, eraser, chiefly involves cutting of trees, agriculture products, fossil fuels like petroleum etc. Moreover, offline-learning results in using umpteen litres of fossil fuel in commuting. One more factor robs the natural environment of its health via the offline mode is heavy use of printer ink cartridges for printing. The bottles of this ink are made of synthetic plastic that take up to 1000 years to fully decompose.

Thus, E-learning is synonymous with enriching the natural environment, as it involves none of the above-mentioned resources. This qualifies the online mode of learning to be an eco-friendly mode.

### **Boost Career Opportunities**

E-learning can enhance the career prospects of the students. Organizing, communicating, testing, team building etc. The important components during the online course between teacher and student in e-learning are to develop management skills which will make the learners a strong career prospect in future.



### **Improve Self-discipline**

E-learning attempts to undermine the traditional stereotypes of the teaching-learning process. Here in online mode, teachers and students are connected to each other virtually. In such a situation, the answer given by any student other than you is of no use to you. In such a situation, you have to work hard and develop yourself. Some of these are as:

- The need to review information regarding your course-syllabus, course-material, expectations from your instructors, policies, and procedural information of your educational institutions etc.
- The need to make choices for using your time, and developing a sense of management.
- The need to maintain the motivation and interest in your learning. These usually are present in the initial times of your class but subside gradually.

### **How E-learning has turn into a future of education**

Online learning has made it bigger because it serves people in all the right ways. Students adopted this on a huge scale not only because of the easy availability of course materials. Now it has to be ensured that e-learning is the future of education. There are many online training practices that have turned this into a big thing in the last decade and that has proved to be a milestone.

### **Supportive community**

Some teachers, students and establishments are doing the work of promoting e-learning education, which will encourage e-learning in future. It enables students to connect with each and other, with mentors and teachers. Also, it helps them to use the resources in the best possible way by managing online classes.

### **Interactive activities**

It is crucial to include interactive activities so that brainstorming can take place. The more students will brainstorm the better they may research a certain topic. Thanks to the advent of the internet which has made live classes and courses a reality. Through these

live courses opened up a lot of possibilities. Students can attend live courses and finish their coursework offline. This enables them to reach the roots of a particular skillset and subject.

### **Effective usage of resources**

The way teachers and students have used and are currently using available resources is flourishing e-learning to a great length. Just scroll on the web for a while and you will be able to track down many online services offering access to data, for example, Wikipedia. To get the maximum benefits, both the parties do optimum and complete use of a plethora of resources available online. Teachers across the globe never fail to use access to plenty of information to enhance their teaching ways and they often redirect students to such web resources. This process simply is fully capable of bringing that e-learning is the future of education.

### **Clear expectations**

Generally, the students are aware of what they will gain from online class instructions. Both teacher and student agree on other activities of communication, especially teaching method, delivery of curriculum. Disagreements rarely happen occasionally. For example if the professor wants to share the study material through email. The same student asks that my course work be done online only on the e-learning site which can create confusion. Fortunately, such situations do not result in serious clashes and are sorted at initial levels. This coordination solved many problems in the teaching-learning process and made e-learning a success.

### **Conclusion**

E-Learning has been an important platform for tutors from India and all around the world also. E-learning has given by providing an important platform for tutors not only in India but around the world. Earlier, hardly anyone could access information quickly, but in the present time, information is easily accessible to everyone. Earlier it was impossible for teachers and students to go to each other's countries due to geographical limitations, but through e-learning, teachers and students are able to share their ideas easily, which is a

positive step in the field of education. E-learning mobile applications provide global platform to teachers and learners. With the help of which many times teachers and students also get awards at the global level. Today's era is of digitization. How can education be ignored in such a situation? Whether it is web-based courses or impressive classes, all this is becoming a new way of educating which just helps the teaching learning process to a great extent. It is also right to suggest that more and more people should start e-Learning and reach out to an e-Learning app development company.

Through this article, we have tried to show that e-learning is the future of education as it offers so many benefits. People who were really trying before that they got it. Apart from this, there are many other reasons by which we can say that learning will continue to flourish in the future and will continue to awaken education.

more accessible and practical for students in almost all parts of the world. Along with the increased speed and data usage, the internet connection is also being improved every year. This is creating more opportunities for multimedia training through which e-learning can be promoted further. In the present time, the mobile network is continuously improving, as a result of which better, telecommunication and communication media are being used. All these wonderful things are becoming even more attractive with portable devices like smartphones that attract people. All these awesome things become even more fascinating with portable devices like smartphones.

On the other hand, the fact also cannot be denied that learning is costly and time consuming. At the same time, many types of disturbances arise in it which confuse the students. If the e-learning will be done in the absence of a supervisor, then in such a situation, students can also go on the wrong path and waste both their time and attention. It still has not attained that form of its own. Where only and only teaching learning is affected well and learning outcomes are high. However, we can make it more measurable and effective. There are several trends that are giving us views on how e-learning is the future of education. Gamification, personalized learning, and micro-learning are some examples. E-learning helps in creating better interactive curriculum, integrating value into the learning process and incorporating informal elements into the learning process in

a highly formalized manner. Thus, we can say that learning outcomes can definitely be increased if the students learn along with personal values.