# E-Learning: New Pattern of Education

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**Abstract:**

*Education is the fundamental right of an individual. Society cannot accept radical changes without education. There is a vast difference visible in the traditional system of education and the latest technology based system of education. Now-a-days the traditional system of chalk, duster and blackboard has become out-dated and a new system of learning has emerged which has brought about radical changes. In the entire system of technology, we are quite aware of e-mail, e-commerce, e-banking, e-ticketing etc. Now it is high time for the educationist to be aware of e-learning. In e-learning Satellites, Audio-Visual Aids, CD-ROM, DVD, Video Conference, Radio, Mobile, Internet are frequently used. It is an online system of learning. In e-learning four components are interconnected with electronics devices. E-learning is less expensive than direct teaching. It is not only inexpensive but it saves time. It will create open market where competition will be in the center and the learners will take maximum benefits of e-learning for surviving themselves. It creates stress free environment, which is very convenient to learners. In e-learning learners learn at one's own pace and place. This paper reflects some ideas on benefits of e-learning.*

*Education is the fundamental right of an individual. Without education we cannot bring radical changes. Computer and computer related technology has already entered in the field of education. In our traditional system of education chalk, duster and black board were considered as the sophisticated tools.*

*The concept of e-learning has developed after the idea of e-business. E-learning is also known as 'web based instruction'. The context of e-learning was thought of before the implementation of internet, computer added instruction, and computer based training. Computer assisted instruction and computer based training gained wide acceptance when the personal computer was developed. Internet has brought about revolutionary change in the learning style of the learners. Now the second generation of E-learning has occupied its unique position. Now the E-learning is not limited to CAI (Computer Added Instruction) or CBT (Computer based Training) but it includes CD-ROM, Mobile Phone, and Personal Digital Assistance etc.*

*In e-learning though computer network application, we can transmit the information, increase the information interaction and enrich information. E-learning is also known as classified learning, Distance Education, Technology Assisted Learning or Online training. E-learning could be fundamentally classified in two forms.*

## 1. Synchronic
In this form the learners are interconnected in learning activities through chat-room.

## 2. Asynchronies
In this form, the learners take help of training programme as and when required by them. In traditional learning method the content matter is in verbal form, while in e-learning the content is connected with words and audio-visual form with the help of e-learning. The content matter is connected and presented keeping in individual level of learners and developmental stage.

## 3. Methods of e-learning
### 1. Live-telecast
In e-learning there is special two-way learning method, which is more then live telecast. So this method provides platform to the learners engage in the learning

process of giving test, asking questions and responding on question bank. E-learning is very useful in seminar and other programmes.

## 2. Video on demand (VOD)

This technique in e-learning has entered through cable television. In this method learners use visual context whenever they required. This technique function has two-way telecasting.

## 3. Interactive communication

E-learning system holds effective techniques of increasing two-way interaction. There are two approaches.

### 1. Distance Learning

In Distance mode of learning, teachers and learners interact from various places through the use of shared files like black board. Besides this, teachers and learners can use audio-visual communication tools or printed message.

### 2. Integrated approach

In integrated approach teacher is in the center of virtual classroom. Here there is a scope for discussion with the experts on specific topic.

## 4. Basic Tools

Software, which is used for the production of content, is known as basic tools. Now-a-days there are various tools available in market on professional basis that contain varieties of materials for the customer. Basically there are three types of software.

1. Software converting word-processing spread sheet, presentation materials in to e-learning.
2. Software useful to the learners who are lacking programming skill.
3. Software presenting content along with Audio-visual devices.

## 5. Management of Learning

From the age of Computer Assisted Instruction (CAI) management of learning has become important component of e-learning. This system facilitates evaluation of efficiency of the learners, administrators and organizers. It is also useful in distance learning programme to evaluate the efficiency of the learners. It is necessary to create system, which can co-ordinate individual needs and education properly. E-learning is capable of imparting training to many individuals at a time.

## 6. Benefits of e-learning

1. **Less expensive** Use of online education is less expensive than direct teaching. So all the expenses spent for direct teaching can be materialized for introducing laptop and other hardware and software. With the development of e-learning face-to-face teaching will be minimized.
2. **Time saving** With the introduction of e-learning the profession of teaching will be a free profession. There will be cutthroat competition and learners will require programmes that can enhance their learning in a very short span of time.
3. **Flexibility** In traditional system of education flexibility is hardly experienced. In e-learning, learners learn naturally without any stress. It is the choice of the learners. It provides proper feedback to the learners' responses.
4. **Immediate response** E-learning generates new knowledge and skill specifically and minimizes the time in learning complicated points.
5. **Variety of media** Computer is the medium of media because it is connected with various forms of media. Due to this special feature, computer can present information through various modes like movie clips, animation, writing text, graphic etc.
6. **Scope for revision** E-learning programme can be repeated frequently so there are opportunities of practice on the part of learners.

## 7. Future of e-learning

According to statistical prediction of NOMURA Research Institute, e-learning market in Japan would increase 2.4 times in three years. It will increase 6.4 times in America. In the field of Information Technology e-learning would create great opportunities for various profession. India is also progressing rapidly in the direction of e-learning.