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Use of E-Learning And Virtual Classroom In Education

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Introduction:

This age is information technology age. In this age there are many new technologies are introduced by racers. in each and every field must use of some technologies all over world new technology are widely used in field of education.

I) E-Learning :

What is eLearning? E-learning is essentially imparting education through computer and network enabled digital technologies which include among other things, internet, intranet, computer, satellite TV, CDROM, audio and video resources. The term e-learning was first used in the professional environment in the year 1999 at CBT Seminar at Los Angeles. Therefore e-learning could be broadly defined as use of Information and Communication Technology (ICT) to enhance and support learning. This could range from teachers and students using e-mail for communication to entirely online courses. This term is used synonymously with virtual learning, online learning, computer based learning, web based learning, and networked learning. Whatever may be the definition of e-learning, it is currently changing the way schools and colleges teach and the students learn.

Definition of E-learning:

1. E-learning is networked, instant updating, storage and retrieval, distribution and sharing of information is therefore possible.
2. E-learning is delivered to the end-user via a computer using standard internet technologies.

Characteristics of E- learning

- E-learning is Learner-Centric Learning: The learner centric e-learning model makes an array of resources available to the learner, who is free to choose when, where and how to learn.
- E-learning for lifelong learning: With increasing access to technologies and its ever increasing sophistication this approach to learning facilitates lifelong learning among various stake holders.
- E-learning is Flexible Learning: E-learning has historically been linked with distance education and flexible learning. In distance education, various technologies can be used to link learners, instructors and resources that are removed in time or space. The hallmark of flexible learning, as its name suggests, is its adaptability to learners' needs and circumstances.
- E-learning is Social: E-learning seeks to foster collaboration and peers interaction. Various e-learning technologies facilitate various types of collaboration among learners and teachers.
- E-learning Involves Learning Objects: E-learning uses reusable learning objects. This RLO permits one to create e-learning course with ease.

- E-learning is Personalized: Usually e-learning system permits its users to personalize the learning by tailoring its offerings to their learning style, job requirements, career goals, current knowledge and personal preferences.
- E-learning Involves Effective Communication: The effectiveness of e-learning also depends on establishing two-way communication between teachers and learners, and among learners themselves. There are many standalone tools as well as learner management system integrated tools to foster interactive and collaborative engagement.

II) Virtual Classrooms

Virtual education refers to instruction in a learning environment where teacher and student are separated by time or space or both and the teacher provides course content through management applications, multimedia resources the internet, videoconferencing etc student receive the content and communicate with the teacher via the same technology.

Definition :

Virtual classroom : a virtual classroom is a learning environment created in the virtual space.

Characteristics of Virtual Classroom :

- Virtual education is a term describing online education using the internet.
- An online education provides a welcome environment for working adults who need to balance work and family with the new demands of going back to school.
- The low costs of virtual classrooms are considered to be a major advantage.

Conclusion:

The globalization of education has led student's migration beyond borders which is a great concern for quality education. There is an urgent demand by the society that education should be socially relevant, economically productive, globally competitive, individually satisfying and sustainable. In the age of digital technology, everything has gone very quick. The field of education cannot be an exception in it. Rather it has become very rapid with advanced material used for and in education. There is no limit for resources for teaching and learning. ICT has made it very user friendly for both teacher and learner.

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