E-LEARNING AS A WAY TO IMPROVE THE QUALITY OF EDUCATION

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Abstract

This article is focused on characteristics of education including distance education and comparing the qualities of both the education methodologies. E-learning is emerging education opportunity especially for people at work. This method that applied in higher education provides time and place independent education. With the innovation advantages, it must be evaluated in different dimensions and other education types. The aim of this paper is to capture different levels of responsibility, qualities, different methodologies, teaching methods, history and creation of E-learning. Also this article used to know why the peoples moving towards the E-learning and this give a conclusion which is the best learning method that gives more effectiveness to learn.

Introduction

Gurukula Learning

"Guru Brahma, Guru Vishnu, Guru Devo, Maheshwarah, Guru SaakshatParabrahma, Tasmay Shree GuruveNamah"

The gurukula system provided a more personalized learning experience, where the "guru (teacher) judged his "sishyas (disciples), understood their strengths and weaknesses and accordingly offered a specialized education for each of them. A system will be considered as an ideal system, only if it provides a personalized learning experience to all the learners. It is possible only through technology. In the Gurukula system, children from all classes of society lived under the gurukul roof as brothers.

Traditional Learning

Traditional learning is also known as back-to-basics, conventional education or customary education, refers to long-established customs found in schools that society traditionally used. Some forms of education reform promote the adoption of progressive education practices, a more holistic approach which focuses on individual students' needs and self-expression.

E-Learning

"The use of Internet technologies to deliver a broad array of solutions that enhance knowledge and performance". To meet the emerging needs of the society, education to transformed itself. Education is taking various forms and its natural growth cannot be chartered by step-by-step growth. This E-learning marks the zenith of the evolution of learning to meet the challenges and needs of the learners in the competitive world. E-learning provides scalable, efficient and fast learning, capacity and consistency, higher learning retentions, also using this e-learning to save time and money, easy to

measure learning activity and proving return on investment, reduce your carbon footprint finally flexibility and finding hard to reach peoples. This are the major features that's provide by the E-learning methodology.

History

1780 - Earlier public schools adopt the teacher/manager model with the teacher as the primary manager of instruction and assessment in a single classroom. (Gurukula Learning)

1946 - Frist vacuum tube-based computers developed; Universities help in computer development effort; Technology used in war effort.

1960 - PLATO(Programmed Logic for Automatic Teaching Operations), the first computer-assisted – instruction (CAI) system, is initiated at the University of Illinois, It profoundly influences computer – based education system through the world.

1965 - Elementary and Secondary Education Act brings new money into schools for technology. Mainframes and minicomputers are put into place in some schools, but most are used for administration or for school counseling (databases for information a bout and for students)

1970 - Texas instruments develops the first hand – held electronic calculator. The working heart of the first miniature calculator is an integrated semiconductor circuit for performing addition, subtraction, multiplication and division.

1969 - The children's program Sesame Street debuts on the National Educational Television network and soon becomes an international hit.

1970 - ARPANET, the forerunner of the Internet, goes online. Engelbart invents the mouse, hypertext and groupware. He also creates hypermedia, multiple – window screens, inline publishing and electronic mail systems, all of great importance in modern education

1971 -Intel's first microprocessor developed; the first microcomputers (PCs) are developed; mainframes and minicomputers are in wide use in business; a few software companies begin to develop mainframe andminicomputer- based instructional programs.

1974 – The first affordable personal computer is featured on the cover of the magazine Popular Electronics. The Altais 8800 has 1KB of memory and an Intel 8080 processor.

1977 - Japan Victor Company (JVC) introduces the VHS format video cassette recorder.

1983 - Compact Disc (CD-ROM – invented by James T. Russell in the late 1960s -) technology is introduced in the United States

1990 - Multimedia PCs are developed; schools are using videodiscs; object-oriented multimedia authoring tools are in wide use; Simulations, educational databases and other types of CAI programs are being delivered on CD-ROM disks, many with animation and sound.

1994 - Digital video, virtual reality, and 3-D systems capture the attention of many, but fewer multimedia PCs than basic business PCs are sold; object-oriented authoring systems

such as HyperCard, Hyperstudio, and Authorware grow in popularity in schools; most US classrooms now have at least one PC available for instructional delivery, but not all teachers have access to a computer for instructional preparation.

1995 - The Internet and the world wide web began to catch on as businesses, schools, and individuals create web pages; most CAI is delivered on CD-ROM disks and is growing in popularity

1996 - Dvds allow storage of larger amounts of digital data, which makes possible superior sound and visual performance.The internet begins to provide services and advertising using web pages. Many schools install web servers and provide faculty with a way to create instructional web pages.

1997-2007 - The growth of the internet expands far faster than most predicted. It soon becomes the world's largest database of information, graphics, and streaming video making it an invaluable resource for educators.

2009 - Introduction of the first fully automated classroom.

2010 - The internet is accessed entirely through wireless, handheld, pocket computers.After the year 2010 slowly the way of E-learning methodology used by the people.

Qualities & Comparisons

Qualities	Gurukula Learning	Traditional Learning	E-Learning
Convenient	Guru is the only one person who teach the different type of peoples in one particular place. For that all the different type of people comes under the roof and study.	Teacher is the person who teach everything to the listeners. Listeners must give a physical present in front of the person who take the class.	Self service On-demand Private Learning Self-paced Flexibility
Repeatable	While make a attempt to practice everything that they learn form the guru then only they can able to know more clear on the particular topic.	While taking notes and again they have to go through the topic. Without taking notes they cant able to make a review.	As many time as you like you can able to do the same things and repeat the things.

Easier To Mirror	**Guru** is a one single person to monitor the students	Each and every one monitor by one person(Staff / Teacher)	**Less** administrative work Can be more preciseself monitoring.
Consistent	Different types of peoples and different types of contents. Here the guru make the content to teach.	Money set the content to every learners. Cost is high the content is a quality one. Cost is low the content is having a less quality	Central control of content same quality content control for all Same quality education for all.
Media-Rich	-	-	Easier to understand and more engaging

Diagram Representation

Gurukula Learning Qualities   **Traditional Learning Qualities**

E-Learning Qualities

Conclusion
Why peoples like most (E-Learning)
Components of E-Learning

E-Learning having many advantages like as follow learner-centred, Accessibility/usability, teachers as facilitator, adaptive learning, reflective learning, mobile learning and formative assessment, etc. This are the quality things that provide by E-learning so that only people are mostly like and continue their studies with the help of E-Learning. Here I conclude in my point of view the best way to learn and develop a knowledge in an easy manner through this e-learning.

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