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Relevance of digital learning environment in higher education system in modern India

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Abstract

Learning is the process of continuous observational behavior of the individuals; it cannot be stop at one stage of life it goes and goes on with the time. Learning environment refers to diverse physical locations, contexts and in which students learn. But in the modern world technology appendage helps to construct new space of learning atmosphere rather than imposing of an old pattern of learning behavior. Digital learning environment is one of the reliable sources of communication that may help to share information worldwide. This kind of smart investments would be always fruitful for the education industry where technology helps to eliminate the roadblocks in the path of student's development. And making students more self active and self motivated towards their career goals. This paper tries to explore of digital learning environment in higher education. The author also makes an attempt to find out the relevance of digital learning environments in higher education in currents scenario.

Keywords: Digital learning, Technology, Higher education, Modern, Relevance, Students.

Introduction

Digital learning is a form of learning that is drive by technology, by instructional practice that makes competent use of technology. It comprises the application of a large spectrum of practices including: unified and virtual learning.

Theoretical perspectives

Theories of learning are well set principle of explaining of individual retains his knowledge or recall previous records. With the study of different type of learning theories, it makes easy to understand how learning process occurs. These principal theories can be used as guidelines to help in the selection of techniques, strategies and tools that may persuade learning.

Major Learning Theories

Behaviorism: is the work of B. F Skinner, he believes that “knowledge exists independently outside of the people”. Responses and stimuli are fresh behaviors or change in behavioral patterns that acquires through associations.

Cognitivism: Retention and understanding leads to information processing

Constructivism: development of our own knowledge through collective responses and gather information's by world affairs.

Paraphernalia/ Tools of Digital learning

There are a several tools and resources online free that can be available to provide digital learning environment. Listed below are tools and resources of twenty first century teachers, students, scholars can use for digital learning:

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- Google+ Communities
- You Tube Channels
- Education Apps
- Acrobat Reader DC
- iTunesU
- Dropbox (File-sharing platforms)
- Google Drive (Cloud-based Word Processors)
- Notepad/Mobile Notepad
- Digital Pocket
- Zotero

Strategy of Digital learning environment

A digital learning strategy includes any of or a combination of any of the following:

- e-textbooks
- online learning / e-learning
- adaptive learning
- mobile learning
- classroom technologies
- open educational resources
- gamification
- blended learning
- learning analytics
- learning objects
- virtual reality
- online Notes exchange method
- study material exchange through watsapps and other sources
- Discussion/ info exchange through skype/watsapp/face book

Relevance of Digital learning process in Higher Education

Digital learning is as much as important need of current Indian education system. It is necessary to understand that the demand of the fast growing nation is possible only by upliftment of educational advancement. A nation cannot be claimed himself vigorous nation without any sincere investment and contribution in education industry. Listed below the relevance of digital learning environment in modern higher Indian education system:

Forming Smarter Students by Digital Learning process

Technology and tools of learning enable students to build up effective self directed learning skills. They are competent to identify what they need to learn, find and use online resources, apply the information on the problem at hand, and even evaluate consequential feedback and this increases their efficacy and productivity. In addition to engaging students, digital learning tools and technology sharpen critical thinking skills, which are the basis for the development of analytic reasoning and student who explore open ended questions with imagine logically to learn how to make decisions, as not convinced to the rote learning textbook ideas. Students receives positive aspiration of achievement from mastering new skills and technical knowledge using digitized learning tools building them more confident they need to wish to learn even more and more new things. It is amazing that huge numbers of courses taught by the best educators are delivering free service to anyone with an internet connection. These kinds of possibilities are endless.

Making Students self-motivated and self-innovative by Digital learning facility

Using digital leaning tools and technology by the students in higher education is helping them to engage in the process of growing interest in their studies, they initially may not realize that they are continuously learning till than their learning environment could not force them to realize. Since their learning engagement methods could not be evolved such as teamwork, problem solving, role playing, concept, maps, charts, diagrams, storytelling, peer group, reverse teaching and so on. Hence, voluminous textbooks and one sided lectures are not long term storage in the human memory, digital learning is far more interactive engagement that provides better context, and greater sense of perspective. It allows students to better connect with the learning materials. Further, a reflection of excellence Indian education system could make better when students continues their own progress and development by this excellent learning environment.

Engages educators and parents to a deeper extent by digital learning environment

Social learning platforms make it easy to promote their skills and knowledge, within the classroom limited numbers of students getting benefit of classes. Due to modern technology new environment and space is available for teachers, students and parents as well. They can look upon whatever necessary to read and search almost everything thing is available online. Subject teachers are freeing available to answer the query of any student. Parents have also figure out some sort of queries regarding their children subject area by online platform. The opportunity to customize learning sequences for each student will make education more productive by closing learning gaps sooner and accelerating progress and dynamic grouping, workshops, and project based learning can add lots of collaborative learning to the already present education model. Digital learning tools and technology provide enjoyment for students as well as numerous benefits in terms of developing a student's well-being. Everyone is getting benefited of digitization learning.

Employment opportunities with the help of digital technology and tools

Digital learning tools and technology prepares students for higher education system and modern careers by helping them acquire skills including problem solving, familiarity with emerging technologies and self-motivation. With the requirement of new job opportunities digitalization has become popular among masses where modern careers developing by digital learning tools and technology. In the higher education system students acquiring skills online counseling classes, you tube study channels, online group classes, e-courses, e-materials.

Rapid Information bringer

Digital learning environment provides online platform of rapid share information. The explosion of free and open content is making possible through modern technology. Otherwise exchanging or sharing information is one of the most difficult tasks previously. For the individuals or group sharing informative content is possible in few seconds without any disturbance. It saves time and money, it may

reduce hard work also, make it easy to work fast and smart by the new tools and technology. Rapid share information with other educators in actual time ensures by digital learning technology. The explosion of free contents have been created greater environment for those who use their skills for earning. This type of opportunity is emerging through digital platform

Conclusion

Digital learning environment is a new trend in Indian education system. The traditional education system is fallen fastly due to adaptation and modification in Indian education system. This type of new learning style and technological addition in education system would be always fruitful. Even though, these changes are quite difficult for earlier recruited teachers who might get some difficulties in new changes keeping this mind mostly university have been started teaching capacity building program for teachers. In fact, some of the innovative tools are simplifying teaching styles and make it easy for future generations. Moreover, relevance of the digital learning environment in higher education is simply necessary for the betterment in Indian education system. From the environmental concerns by the need not as much of paper for handouts and books to saving time with easy access to information and the easiness in research, digital learning provides an effective way to cut costs, maximize resources and heighten both reach and impact for students and educators alike. Advancement in education system can make our place globally well standard in education system. It may also centre of attraction for foreigner students until unless we do not project Indian higher education system at best. Further, a worldwide information exchange would be a great idea for the better scope for the students. A power of education can only make the world more peaceful and beautiful.

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