Research Paper

Physical Education

Role of E-Learning to Enhance Qualities of Physical Education Teachers and Coaches

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ABSTRACT

E-learning is one of the important techniques which offer opportunities to enhance the educational and coaching techniques development. The continually increasing demand of skillful teacher's in physical education, who are able to prepare students and players to be successful in technology-infused, knowledge-based society. E-learning is an integrated and continuous approach to build knowledge skills of competitive through web enabled technologies. The E-learning contributed significantly to assist effective learning process. Effective learning is having advantages in delivering the right content to the right person at the right time. E-learning playing a critical role in preparing a new generation of teachers and coaches was well as upgrading the skill of the existing teaching forces to use 21st century tools and pedagogies for learning. The paper discusses the role of e-learning in physical education teachers and coach's development.

Keywords :

INDRODUCTION
The development of any nation on the education of that nation. Education should not contemplate only to academics but it should also develop the overall development of the student and player through physical activities. The quality of student and players depend on the quality of the training given to them.

It is rightly said **"that today's bud is tomorrow's flower"** If we expect nice flower for tomorrow, we need to take care of today's bud. So if we want to give educated and skillful citizen to our nation, we should focus on the knowledge, education quality and teaching and coaching technique of the teachers and coaches. The present era of information technology has given a new direction in the process of learning which is more helpful in teacher development. The concept of Internet has changed people's way of learning.

There are many nation which are not only suffering with shortages of teachers, but also with the problem of updated knowledgeable and skillful teachers in physical education. Teacher are asked to learn new content, pedagogies, and technology tools for learning. However ,resources are often lacking to meet the career-long professional need of teacher and even when such resources are available have limited time to workshops because of their classroom responsibilities.

An additional challenge is that 21st century's life, work and education which bring different demands. 21st century citizens, and workers need to:

. have the skills to address ongoing change and globalization;
. have the skills to be self-reliant and independent
. have the skills to modification of techniques
. have the skill to updated learning and coaching techniques
. Be able to obtain knowledge on their own know what to do with that

Knowledge to create value for their communities, organization and nation.

The challenges of physical education teacher's development' new strategies and method must be explored. A major recommendation made by the European e-Learning Summit(2001) was for member nation to increase investment in continual professional development of educators to help them develop an understanding of the applications and pedagogy for e-learning. The use of e-learning for teacher development, however, raises important issues for governments and academic institution related to policies, funding, instructional, practices, research needs, technical infrastructure, and support. In response to many requests for a balanced discussion of the possibilities and issue related to e-learning and teacher development, UNESCO has commissioned a book to assist decision-makers in ministries of education, faculties of education and schools in understanding key issues, strategies and new approaches in the use of e-learning for teacher development.

CONCEPT OF E-LEARNING FOR PHYSICAL EDUCATION TEACHERS AND COACHES
The e-learning is very important for physical education teacher and coach development as part of a national strategy for educational and sport development. It is helpful to meet the quantitative and qualitative demand for good teachers and coaches. The e-learning is simply the use of internet technology to facilitate learning. It can be delivered in many ways – via a PC, digital TV or mobile phone etc.

It has many benefits and allows one to get the knowledge one's needs, when he needs it and where he needs it. With more systematic support the new generation learners finds him equipped with lot of information. E-learning technology is a wonderful gift provided by the present day technological advancement and innovations. By e –learning, numbers of people getting wattage in their education. E- learning is the convergence of learning and the Internet. It has brought about profound changes world over in the way people learn and train, allowing them to do it anywhere, any time. Through the web a user can access content from any point, off or in campus, through a computer and connectivity. E-learning is the use of the Web or electronic networks capable of instant updating, storage/retrieval, and distribution to:

. Share instructional and information resources and expertise to enrich the learning environment.

. Provide courses, learning applications, and solutions that

go beyond the traditional paradigm of teaching, coaching and learning.

. Combine with traditional or other teaching methods and coaching styles in what refereed to as blended or hybrid learning.

. Provide informal learning opportunities and support for communities of practice.

This type of learning takes place as a result of experiences and interaction in an Internet environment. It is not restricted to a regular school day and practices session. It can take place in a variety of locations including gymnasium, swimming pool, and play grounds etc. Involvement in e-learning is not mean that teachers and coaches will spent hours sitting in front of computer screens any more than there is an expectation that their students and trainees will be doing the same. An effective e-learning strategy must be more than the technology itself and the content it carries. It must also focus on critical success factors that include building a learning culture marshalling true leadership support, and sustaining the change throughout the nation.

E-learning has many qualities that make it beneficial for teachers and coaches development. They can access learning resources, courses, online communities, or game training programs at any time that is convenient for them, with others and access resources, instruction and expertise anywhere there is a computer with internet access. E-learning provides new opportunities for educators of physical education to work and conduct research together, or to share problems, innovations, and lesson plans, game strategies. E-learning may act as a catalyst (or lever) to transform the traditional paradigm of teaching and learning. It can communities of practice, and opportunities to collaborate with other educators around the world. In a very short time, it has become one of the fastest growing components of the high technology sector. It developed nations provide Web access in the classroom. Based on these trends it is important for policy makers to consider the potential value of e-learning to prepare and update the skills of teachers and coaches needed to be successful in the 21st century.

ADVAMTAGES OF E-LEARNING:
Nothing can replace traditional classroom and play grounds, but e-learning complements the process and can help reach out to the masses. The biggest advantage of e-learning lies in its ability to cover distance. The teacher is not requiring working from an office or classroom to instruct lessons or organize material. This can be done from anywhere where they have access to a computer with and internet connection and other necessary software/hardware, which is an advantage.

Electronic content can be updated more efficiently than printed material, and at a lower cost, which saves the teacher time and money when preparing and adjusting material to suit their lessons and coursed. This ease of update is an advantage to teacher, and also to the student, who will be receiving, and learning with, up-to-date materials.

The major advantage is the consistency that e-learning provides. E-learning is self-paced, and learning is done at the learner's pace. The content can be repeated until is understood by the trainee. It can be made compelling and interesting with multimedia, and the trainee can be given multiple leaning paths depending on his or her needs.

CHALLENGES FACED BY THE E-LEARNERS
The development of E-learning has thrown up new problems focused on the copyright and intellectual property rights implications of electronic text. Students researchers, staff, employees and other and users affiliated with virtual university or digital libraries should be allowed to print-on-paper of digitally available works on the same conditions according to which they may make photocopies of print material. The library

authorities have to discuss seriously with publishers on this aspect in order to evolve some mechanism profitable to both user's publishers as well as authors. Users may be charged for each assess, downloading from servers and/or each kind of digital library collection. This would provide a reverse for publishers, authors and libraries.

Security aspect is the most pressing challenge of digital affairs. Piracies of database, viral invasions, and parallel satellite networking stress are some of the issues for digital libraries are confronted as a way of routine. Other major challenges are:

. There is no mechanism available to establish standards for internet materials, instruction, design and quality of interaction.

. Study materials are accessible only by specified students, licensing problems are unlikely to be serious barrier.

. Since course materials are instructionally designed, it hardly provides for individual variations and further revision.

. Dangers of increased learner isolation as students learn from the screen, and not through much interaction with their peers and teachers.

. Crossing national boundaries creates logistical and organizational problems of distance teaching institutions. The facilities available and aptitude level of European students and developing countries are different.

. Operating overseas can also expose one to the all problems of any international business, exchange rate fluctuations, restriction on foreign exchange and the export of money from the country of operation to pay for services, sources from another jurisdiction, political turmoil, civil unrest and war etc.

. Information providers are more interested in profit than quality services.

. Lack of organization of information on internet.

. Not all sites are updated regularly.

. Absence of monitoring mechanism to evaluate the course ware.

. Lack of awareness about the use of electronic equipment.

. Lack of human interaction, if is difficult to judge how much a student understood a particular topic. In teacher student face-to face interaction, the teacher can know the level of understanding of each student and accordingly he can try to techniques/technology.

. Lack of motivation, in a classroom instruction the teacher and students interact in discussing and understanding the subject spontaneously, which creates motivation and understanding the subject spontaneously, which creates motivation among the students towards learning. In e-learning, due to lack of motivation sometimes it may appear dull.

THE FUTURE OF E-LEARING IN INDIA
E-learning has potential in India; adoption has been slow and will need a major marketing and awareness effort in the field of sports and physical education. According to IDC, the revenue earned worldwide from e-learning was $6 billion in 2003. That's expected to rise to $21 billion by 2008. Nasscom reports that Indian companies will get revenues of $7 million to $9 million by end-2005.

As is apparent from the above figures, the India e-learning

market is still at a nascent stage. But thank to an increasing emphasis on teaching and coaching individual skills, e-learning is slowly becoming popular in India.

In underdeveloped countries, e-learning can raise the level of physical education, sports literacy. This is especially true for countries where technical education and coaching is expensive and opportunities are limited.

CONCLUSION

Electronic documents offer possibilities for expanding access as well as changing learning behavior, academic research and coaching trends in field of physical education and sports. Content can always be accessible regardless of time or place to be read on PCs. E-learning, helps academicians, Without wasting time and resources on Internet. However, one of the problems with-learning in India is the lack of course content, especially outside the mainstream focus areas of IT education, English-language content, and tutorial-like courses. There will be high demand for people who can develop multilingual courseware that addresses various topics. Gartner says, "That one of the top 10 positions among Global 1000 companies of the future will be that of an online learning designer."

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