The Effect on the Growth of E-Learning Problem-Solving Skills of Students

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Abstract: The invention of television and video has had the greatest impact on distance education. But personal computers and the internet have reinvented the face of education. Cause of learning and distance education students have provided. Distance education in Iran, except for a short experience of light on the practices of telecommunications, is a long history. Art is a kind of virtual learning and competitive in today's turbulent world, the role becomes more important. Electronic world are so complex and novel challenges that all elements of a strategic leap, to confront and deal with them there. In the turbulent world of today that are capable of higher speed and effectiveness of technology use, new models for the students to recognize, as a competitive advantage. In the process of managing virtual and digital learning requires reflection and meditation is special. Every good teacher can also be a good virtual teacher. The e-learning, although the changes are significant. But many of the basic skills of students and professors, the conventional and traditional skills. The only difference is in the process of interaction with students and the university. Increasing advances in technology, especially information technology in education has led to many changes. Factors such as reduced training costs, ease of attending class online, of course, the choice of time, reducing travel costs, high flexibility in the expansion of e-learning courses, the impact has not been welcomed by students of these courses.

Key words: E-learning, Students, Develop, Skills, Online, Training

INTRODUCTION

In 1800, distance education, correspondence education was considered. Education by correspondence, with letters by the school or institution to meet the conditions were run. Between students and teachers to communicate through letters. Students were considered. The United States of America, which was active in the field of distance education, European training courses before the beginning of 1840 were summarized in the form of pamphlets. The first remote training college was established in 1892, based on the post office was administered. In the mid-twentieth century, there was also a variety of training programs. To listen and consider the audience who could not attend classes focused on, was. The radio and TV fame, educators found the new technology. Not rely on the postal system to deliver the training. Training of the first radio license was issued in 1921. The first is the basic form of e-learning. In 1960, with the evolution and development of media, technology, distance education was also altered. Instead of relying on the postal system will deliver. University using a combination of multimedia Maltese Media and administrative structures, to support the education of students are enrolled. So that in England and America, in other European and Asian countries will develop e-learning institutions. Virtual classes today because of the common technologies such as television, radio and new technologies such as desktop and laptop computer networks is growing.

The invention of television and video has had the greatest impact on distance education. But personal computers and the internet have reinvented the face of education. Cause of learning and distance education students are provided. In 1980, with the advent of satellite broadcasting, cable program services was changed. E-learning was changed in the industry. With the advent of the Internet's first online courses to graduate, by the New Jersey Institute of Technology in 1984, offering undergraduate and graduate courses in engineering and grant degrees to students, Ian opened. First by the University of Phoenix in 1989 was presented. California Virtual University, a coalition of 100 colleges and universities offering the course opened in 1500. In addition to printed books, audio programs, video and satellite, Internet and CD have the ability, as the greatest medium for distance education are discussed. In education, a variety of media used. Providing training through the World Wide Web, the students were in quarantined areas, can make use of interactive virtual classes. No matter where they live, what are the long position. With the widespread use of digital communications, numerous opportunities in the field of e-learning for anyone at any time and place of the world is collected. By combining new technologies such as animation, video levels with older media online, a professor of e-learning courses can provide two-way successful.
Distance education in Iran, except for a short experience of light on the practices of telecommunications, is a long history. At the end of the 1990 Tehran University was learning on the agenda. Projects under this title began. Tehran University in 2001 with nine lesson-learning site for university students launched daily. The first half of the academic year 2001, it was exploited. Ministry of Science and Technology announced the establishment of the Internet. Under the Ministry, but the first non-profit institutions across the country will provide training services. Followed by a number of universities have announced the launch of e-learning into their programs have been included. At present a number of courses to single lesson for his students have presented. Shortly after the use of e-learning in universities, education is the nation's largest educational sector, the activities in this area began. Now count the number of private institutions are also benefited from e-learning.

2 - Electronic Effects on Student Learning:

Requires the electronic interface between humans and technology. The key to successful results depend on the orientation evolution of learning management, organization, staff and e-business will lead to good. Emphasis on entrepreneurship, paying special attention to creativity and innovation, based on technical guidance and leadership, a culture of effective communication skills of the main features of the present era is the era of management and leadership has been challenging. (Rafoni, 2001) According to Segal, "90 percent of online activity caused problems in corporate management, not technology. Integrated system of management and technology systems requires a holistic relationship with customers, employees and the organization. Is estimated to Every once in 2013, eleven hours, about double. to change the speed, increased competition and changing customer tastes and palates should also be added. If not properly managed, the loss of a customer that can happen so fast He likened it to the computer by clicking on the mouse. (Burke, 2004)

Electronic learning or social group more than an attempt to achieve the goals of the university and students. In fact, this refers to how students learn in light of the network evolves. Electrical generation, the dominant voice of the 21st century. E-learning as a bridge to the students which help them work better. Although the major roles are changing in e-learning. But many students basic skills, the conventional and traditional skills. Mechanisms of organized labour, supervision, motivation, team building, quality assurance, fix defects, maturity, class and school affairs and systematic action to improve the situation. In the process of interaction with professors, and university education are located.

Of which are rooted in the traditional functions, often believe that students should always be available and at hand, to issues of teaching and learning, and they struggled. This can be certain things that the physical mechanisms and requires be true, but for many of the tasks of the working environment of electronic adherence to a fixed location, is not efficient. Leadership and management in electronics, in the adaptation of certain characteristics, growth and innovation skills is very important. Age of the Internet and how to master the skills they are learning is created. The management and technology integration, technology needs to be coordinated with all enterprise systems. In the space of the virtual instructor is expected that:

Focus-focus and clearly identify their experiences. Virtual teachers are able to create a model that can step on it, through it, the idea was to transform learning for students. They must draw a coherent strategy. That all sectors and aims to integrate the university. At the present time, the focus of learning is more focused on the customer to communicate with him on training products and processes within the university. The teacher should make those decisions, show great courage. University in order to survive and grow, if necessary, changes can be quickly applied.

In their efforts to attract and retain talented students. E-learning seeks to attract, and retain the use of fewer but better suited. The teacher should make plans to respecting students' talents and skills and identify actions to meet their expectations. Good work culture in order to enhance performance.

Electrical work should lead to a culture of performance improvement and competitive advantage is created. Cooperation, teamwork and shared values and norms in the success of e-learning is very important. Virtual teachers should promote unity and integration of foreigners and the decision to distribute. In addition, innovations and opportunities for students to use in the interactive space. And establish a network of organizational intelligence.

Development and promotion of knowledge and to encourage e-learning. Virtual master in order to better opportunities, initiative, creativity and learning are encouraged. Space for students to develop skills and provide growth.

Any learning or training that is done with the help of various electronic media. In fact, e-learning to use technological advances to enable and empower people to learn from the time.

E-learning using information and communication technology in the education process. The growth of e-learning directly, the amount depends on access to information and communication technology.

The term e-learning in different learning environments described below is used:
A. WBT (Web-Based Training)  B. IBT (Internet-Based Training)  C. CBT (computer-Based Training)  
D. EPSS (Electronic Performance Support System)  E. TBT (Technology - Based Training)  F. Online 
Learning  G. Distance Learning  H. Virtual Learning  I. Distance Education  

Using the above information and communication technology in the education in both asynchronous and 
synchronous training is known. The e-learning, content delivery and learning materials through a variety of CD-ROM, DVD, TV, 
phone, Internet, Extranet, Internet-based learning networks in most text, email, animation, photos, audio, 
video, tape And the movie is done. 

3 - E-Learning and Problem Solving, Students: 
A - their training: teaching and learning can be fast and slow time course of learning based on their 
ability to England.  
B - Flexibility: the learner is allowed to choose content and tools appropriate to their skill level. 
Learner needs in priority (implemented online learning with the learner). Among the large number of 
learners can master, the master of your choice. No teacher can decide to train. Also, the learner can be in the 
range of courses, is the right choice. Possible to study the educational content online or download to him 
there.  
C - the learner (student) cantered  
The features and flexibility in this type of learning, to create another character learner (student) is 
central. The learner who has an essential role in learning and teaching.  
D - the removal of geographic barriers: In this way, people need a physical presence there.  
E - independent of time, place and nature: the latter is implicit in all the above. If we want to summarize 
in three words to express the characteristics of e-learning, can be the three key words (independent of time, 
place and people) said.  
Every good teacher can be a master of fine electronics. To become a virtual teacher qualifications and 
characteristics necessary for success that include:  
A - Speed: In today's world, speed is more important than being big. Shorten the training period, 
progressive changes in technology, increasing expectations and changing tastes led to a shortening of 
professors and students of the university is taking the decisions. Decision to increase the speed, Internet- 
based technology to help. Do not forget that the bureaucracy's murder rate decision, which must be 
controlled and contained.  
B - Good staff: University students are the most important inputs. University Professor of fewer but 
higher quality to today's needs. Students with talents, skills and attitudes about work at home need a new 
teacher is today. Universities in their selection procedures to recruit and attract teachers to reconsider their 
views.  
C – Honesty: E-mail to the teaching staff and even students are allowed some access of online 
information and databases. This requires trust and confidence. Integrity, and success among students and 
faculty is a key strategy.  
D - Collaboration skills: The Internet provides new opportunities for cooperation in the professor and 
student development. Despite the location and time of working with students via the Internet is possible. 
An electronic or virtual teacher should be familiar with the benefits of collaboration. Using outsourcing, 
learn about the value of your order increases.  
E- The discipline: Internet nothing processes, protocols and standards is not regular. University should 
design your website so that they cause confusion and dizziness are not a professor and students. Virtually 
all stages of the relationship with the students to organize on a regular basis to obtain maximum learning.  
E - Strong correlation: Given the rapidly changing and complex competitive environment, 
communication strategies, the University is one of the most important strategies. Communication within the 
University cannot be limited or even within the borders of a country. Virtual master of the principles and 
strong communication with all students, and the careful attention paid to them.  
F - Skills Content: Website foundation of all electronic information. Unfortunately many of these, do 
not know how to work with the virtual site, or cannot properly designed and administered to a site.  
G - Focus on Student: In today's competitive world of new opportunities to deepen communication 
with students has been created. Attitude of the students hired to keep the development, production and 
service center of mass system, students in a specific location (university) students indicates this is virtually 
unique. The virtual master of the product and process management, will focus on the students. This only 
strengthened the channels of communication and information strategies to improve, not possible.  
H – KM: Communications revolution, the importance of knowledge has increased. Development of 
databases and the Internet to enable the universities to their world. But the world of knowledge needed to 
master the complexity and sensitivity of the demand for more.
I – Led: Many of these teachers, especially in Europe and Asia, have learned how to use the Internet. While the amount of time teachers spend in the virtual knowledge communication via e-mail, online communications, updating the website. Other forms of electronic leader with effective leadership is no different, except that due to the competitive nature of the electronic environment, and students need a high level of development-oriented leadership is exercised. Having a leadership attitude virtual master helps to overcome their fear of exposure to electronic media, its speed changes to match the competition.

4 - The Virtual Learning:

A - E-learning and individual student in terms of their method: In this way individual learners with learning resources such as database or a computer while not connected to the Internet to a diskette, CD, or DVD access to the course

B - In terms of the Self Online: This person via online learning with the Internet connection to access resources and content.

C - E-learning as a method: This group of learners at the same time and at a certain time to be connected to the internet and through text-based conferencing or video conferencing or voice or text chat and more recently by social networked together to communicate.

D - Group of asynchronous e-learning method: In this way the people over the internet but not a specific time but at different times through email and learning management systems to help them communicate with each other.

E - The combination of traditional teaching and learning: In this way the learners (students) a member of the class are learning a network where the network, the usual course in a traditional classroom, teaching can also get a virtual method. In this context, the learner can be networked into the classroom, but outside of class time to use this network.

5 - Impact of Development on The Growth of E-Learning Skills of Students In Iran:

Increasing advances in technology, especially information technology in education has led to many changes. Factors such as reduced training costs, ease of attending class online, of course, the choice of time, reducing travel costs, high flexibility in the expansion of e-learning courses, the impact has not been welcomed by students of these courses. E-learning in educational technology and education in Iran's fledgling industry is remote. The centers and educational institutions, especially universities are trying to fit a pattern soon and cultural education in the field of e-learning can provide.

In addition, it has the advantages that e-learning, one of the most important reasons for the necessity of organizing e-learning centers and institutes in Iran, the increasing demand for education, especially higher education in the country. That given the limited resources and capacity in the education system Current educational community has become a difficult issue. Build an efficient e-learning can be part of these problems to overcome. Defined for the purposes of education and university education in Iran, especially the importance of addressing the electronic structure of the virtual educational institution in Iran is clear. Using e-learning in Iran can provide the following purposes.

5-1 – Education:

A - to help empower people to learn independently.
B - discover and develop hidden talents with educational opportunities second.
C - to help foster creativity and self-learners through their research.
D - created a favourable context for the knowledge cycle in society today is considered more important than knowledge
E - To provide the appropriate fields at the transition from training to learning-cantered education through organized learning process - can learn.
F- the closure of the country's demand for education, especially higher education.

5-2 – Cultural:

A - provide a free exchange of cultural backgrounds within and outside the country.
B - a field for cultural creativity that ensures the cultural survival of the country.
C - the preservation of cultural property of national, regional and local cultural originality to protect against cultural invasion.
D - Provide cultural development among different areas.

5-3 – Social:

A - Research assist practical learning community.
B - providing a platform for sustainable development
C - Utilization of the capacity of countries to provide information about the right method of learning for all.
D - provide areas to reduce tension among family through the admission of candidates who qualify for other universities.

Research:
A - a spirit of research by encouraging people to move their research.
B - To provide suitable areas for research on folk knowledge and systematic public information about social issues and how to resolve them.
C - To provide suitable areas for study, work and employment in local and regional developments in this field to help create local and regional self-employment and entrepreneurship.
D - Create the ability to analyze information and use the results to improve the quality and quantity of life Economic goals.
E - To help communities provide skilled manpower.
F - Help with retraining the work force employed for adapting to new trends and preventing unemployment.
G - Helping to enrich the human capital and raising the incomes and productivity of their work.
H - To create a favourable context for the knowledge and technology to the world of the traditional factors of production.
I - to help reduce costs through research and the use of Internet and Intranet
K - to help change and improve consumption patterns at the community level through the National Science
L - Use of e-learning as a powerful business strategy.

5-5 – Science:
A - provide interdisciplinary training areas and move toward integrating the natural sciences and humanities
B - a field suitable for the analysis of knowledge among the people and operational knowledge
C - to motivate students to learn the mental part of the cycle in order to provide the knowledge and participation of society in knowledge production
D - clarifying the science and into the life
E- The production of scientific knowledge for decision
F - establish a context for the use of knowledge management
G - Preparing the ground for breaking the boundaries of knowledge

Conclusion:
Requires the electronic interface between humans and technology. The key to successful results depend on the orientation evolution of learning management, organization, staff and e-business will lead to good. Electronic learning or social group more than an attempt to achieve the goals of the university and students. In fact, this refers to how students learn in light of the network evolves. Electrical generation, the dominant voice of the 21st century. E-learning as a bridge to the students which help them work better. E-learning using information and communication technology in the education process. The growth of e-learning directly, the amount depends on access to information and communication technology. Every good teacher can be a master of fine electronics. To become a virtual teacher qualifications and characteristics necessary to succeed.

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