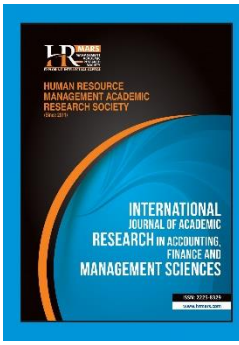

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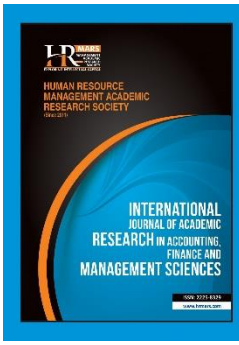
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Role of Electronic Education in Training Knowledge – Based Human

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Abstract
Electronic education is the result of third millennium and Information age, which came to existence according to development of Information technology. Electronic education, on one hand, is able to decrease the needs related to Global Village theory and globalization and on the other hand, is able answer the question in different areas of traditional education. The gift of this educational method in 21st century is equal education for all people in different geographical areas, without concerning space and time limitation, and removing knowledge gap and training knowledge-based people.
Keywords: Electronic Education, Electronic Learning, Knowledge-Base People, Technology.

Introduction

In the beginning of third millennium, information is regarded as main base of power of countries and its production, processing distribution and function through Electronic education is among important factors of modern civilization. Information technology is producing huge revolution all over the word that brings new capacities and sights and produces that change game rules.

Connection and Information production world is changing fast and today we observe their convergence more than before, as if information and data transform of different parts of the world quickly. Big process of knowledge and Information needs new management methods which is necessary to have complete knowledge of Information systems and proper usage and with information technology make basic changes in traditional structural.

With improvement of electronic education around the world, which causes presentation of modern knowledge and technology to all kinds of people, this event as a need and request is representing to government citizens in developing countries. One of the characteristics of developing countries is that they accepted changes. In the period of knowledge and in the era that each scientific

finding has a period of life and with development of network and Electronic education, knowledge is distributed globally and produces base for training knowledge-based people. In this article, Electronic education and its different aspects and then role of electronic education in training knowledge-based human will be discussed.

Electronic education: it can be regarded as one of the most important function of Information technology which is stated in different forms like computer-based learning, Training network, network-centric learning, on-line learning

Kooper (2006) regarded Electronic education as sum of education activities which is one by the use of electronic tools like visual, vocal, and computer.

Keygan (1993) regarded virtual education as planned educational system which is used for managing training-learning process by an organization with the aim of choosing and using proper solutions for using new technologies in learning, facilitating bilateral communication between teacher and student, producing independent learning bases and evaluating the result by students.

In fact, a complete definition of Electronic education can be stated as: Electronic education is using informatics technology for removing place and time from educational services (Yousefi, 2008).

Methods and Different Kinds of Electronic Education

Electronic education is represented in different Kinds: Computer-based education: In this method, training sources like light disk to floppy are given to the learner and the learner can devote his/her time to learning favorite subjects.

Web-based education: In this approach, education sources are given to learner through Internet. In these methods, e-mail and chat are used for making connection.

Video-conference: this method has the capacity of using helping tools like computer, camera, projector, microphone and live connection between learner and teacher.

Satellite system: this system consists of a sender and receiver. In this method of virtual education, a projector, a pageant and a computer which is connected to net through satellite are used. Standardizing Electronic education: obeying Electronic education standards Help to gain the following fire aspects: Interoperability: In the system is able to work with every system?

1. Reusability: if educational tools can be reused?
2. Manageability: If system is able to follow proper information in relation to student and content?
3. Accessibility: If student is able to access the content in proper time?
4. Durability: If technology will grow up form standard which prevents loneliness.

Knowledge-based people: the main strategic source of each organization or society is human being. The societies will be successful which can train their human resource correctly and along with improving knowledge and skills, make religious people.

In the domain of developing and training human sources, knowledge means enabling managers and staffs and it is equivalent to training human sources and is accounted as secrete of success for big companies the fact about human resources is that a new group of careers are formed that causes change in type and essence of jobs and educators are responsible for that.

Basics changes are made in production of wealth. Human activities became knowledge-based and ability is regarded as main base of work of institutes. On the other hand, we are confronted with globalization. Main impetus for moving toward knowledge-based career is human sources. In

addition to human potential, in our country, the most important challenge is applying, enabling, and developing human sources for better function, which with improving management and administrative structures can cause static development and economic propagation. Since in present situation, having direction is the most important challenge, recruiting and maintaining knowledge-based human is of special attention is developed countries (Deragy and Hashemi, 2009).

According to significance of research and development in knowledge-based economics, it is essential that difference aspects of management of research organizations be considered by other organizations and special decisions are made.

Staffs in these organizations have higher education and have high talent. In their higher education, they learn how to work individually. Knowledge-based human have the following aspects.

They have role in evaluating the company. They help the creativity that causes movement. They are memory of organization by creating, interpreting and using learning.

- They are well-trained and self-motivated. They want to solve their mind challenges and enhance their knowledge.

- They are movable. They can move and word every where.

- They want to be directed not managed. In their job, they know more than the manager who trains them. They need freedom in order to be creative. They don't want traditional managers for giving order.

Role of Electronic education in training knowledge-based human: Research and development in Information technology and Electronic training by efficient effects change production processes and by decreasing production expenses, make improvement in applying human resources. Information technology and Electronic education with effects on working resources and quality of production causes improvement of markets and affects level of production. These Processes caused accessibility to various resources and changed the quality of human life.

Electronic Education and its Role in Reoccupation of Human Resources

It is proved that production knowledge, by making and applying developed technologies has negative effect on specialist. This issue which is the results of new technologies causes decrease in working resources. The issue results from research in some countries. The research evaluates positive effect of technology via research expanses and believes that if new technology doesn't cause new product or marketing, it may result in reduction of jobs and firing human resources. There is the view that new technologies decrease time for specific level of production lout high quality and usage, due to new tools, increases competition power in national dimension. So, companies and agents in an industry should give answer to more requests in national dimension. Besides, the extra invest is a main source for investment in other economic and commercial activities this issue can make job opportunities.

Electronic Education and Training Knowledge-Based Human Resources

The necessity for moving toward economic growth is using Electronic education for training specialists. Universities in growing student's potentials in learning and applying knowledge have determining role.

Today's Information society is not waiting for reduction of development aims in future and development, by the use of new science, moves in its path.

In fact, today, role of Electronic education and Information technology in training knowledge-based people in undeniable.

Conclusions

In the arrival of third millennium, using Electronic education has an important role in societies and all countries move toward knowledge-based economics.

Appearance of Electronic education and training knowledge-based people is distinguishing factor of our era.

Today, the aim of companies is fast learning in comparison to competitors, because it is not possible to answer high speed of changes by planning, organizations should have such a maturity that can answer all the changes and guarantee the existence of the organization.

Otherwise, they will extinguish. Although there is n magic techniques for removing organizational wane, doing some activities like dependence on individual and organizational knowledge and applying Electronic training and training knowledge-based human can be effective.

So, it is necessary that they change to knowledge-based organization. There is no learning, individual responsibility in organizations and responsibility is group. Learning organization can be described as knowledge-based. Among knowledge management dimension, human resources should be at the center of attention. For existing form wane process or not facing with it, organizations.

In addition to emphasizing Electronic education for training human resources and knowledge-based people should rely on individual and organizational knowledge and with the use of new technologies form organizational memory. In such an environment, organizations should be choosing a structure which follow both creativity and experience. They should try to establish knowledge management and train knowledge based people.

References

Baseri, B., Jahangard, E. (2007). The evaluation of Technology role on industries employment ,Tehran :published by research center of Human Sciences and cultural studies, the collection of Articles on Knowledge & Technology Development in Iran, Volume 1, pp. 283-307.

Moradi, H. N. (2006). Entrepreneurship Management, Karaj: Published by Management Research and Education Institute affiliated by Energy Ministry.

Daneshfard, A. (2006). Influential management of knowledge-centered organizations, Tadbir Magazine, p. 174.

Ranjbarian, R. (2005). The Role of Human Resources Development on Science Production , the collection of Articles in the 1st International Congress of Science Production Movement, 7th volume, Azad Islamic University, pp 197-210.

Sharifi, A. (2004). The Presentation of Comprehensive Framework for ICT Embedding in University System, Doctoral Thesis , Azad Islamic University Oloom-o-Tahghighat branch.

Naghimahdavi, M. (1995). Information Technology & Technology Information, Tehran, Chapar Publication.

Yousefi, M. (2008). E-learning for naval organizations in near future. Bandar-o Darya Press, p. 14.

Duval, E. (2002). Learning Technology Standardization: Too Many? Too Few? Proceedings of Standardisierung in E-learning, Frankfurt/Main, Germany, 2002.

Cooper, R. (2006). E-learning in the world; London: Flamer.

Johnson, D. (2005). Innovation & Knowledge Management: cancer information service research Consortium. Published by Edward Elgar Publishing Limited.

Keegan, D. (1993) Distance education: New, perspectives.

Madanmohan, R. (2005) Knowledge Management tools & technique, Elsevier Butterworth-Heinemann oxford ox28 op.uk.