

Contemporary Period of Civilized Society Development is Characterized the Process of Informatization

Gulnara Bostanovna Issayeva¹, Nazira Sahimjanovna Baimuldina²,
Ilyas Zhanserkenovich Yessengabylov³, Aigul Onalbekovna Aldabergenova³,
Laura Amangeldievna Smagulova³

¹Kazakh State Women's Teacher Training University, Almaty, Kazakhstan.

²Al-Farabi Kazakh National University, Almaty, Kazakhstan.

³Zhetysay State University named after I.Zhansugurov, Almaty, Kazakhstan.

Abstract :

In this article the technique of training of future teachers of informatics to network technologies is considered. The technique of training in network technologies of future teachers of informatics within subject and specialized preparations allows to create at them special competence of this subject domain and will promote development of information and educational environments of the educational institutions which are based on educational computer networks.

Incomplete computerization of Kazakhstan schools, lack of teaching programs, internet limit for pupils and students are the minor parts of problems in realizing national projects in education. The peculiarity of the modernity – globalization and information revolution placed demands for school leavers to be able to put their knowledge into practice in nonstandard situations of real life.

Keywords: network technologies, teacher of informatics, modules, training technique, competence.

Informatization of society is a global social process, which peculiarity is that dominant kind of activity in the sphere of social production is acquisition, accumulation, producing, processing, storage, transmission and use of information realized on the basis of the modern facilities of microprocessor and computer technology and also on the basis of different means of data exchange.

Social informatization provides:

- active use of ever-widening intellectual potential of society concentrated in the print fund, scientific, producing and other kinds of activity of its members.
- integration of the information technology with scientific, producing, initiating the development of all spheres of social production, intellectualization of work activities.
- High level of the information service, accessibility to the reliable information source of each member of society, visualization of the information given, significance of the data used.

Application of the open information systems, intended on the information use available to society in the definite sphere enables to improve mechanisms of directions of the social

structure, promotes the humanization and democratization of the society, and increases the level of prosperity of its members. The processes occurring because of social informatization promotes not only acceleration of the scientific-technical progress and intellectualization of all kinds of human activity but also creation of new qualitative information environment of society which provides the development of the creative potential of individual. The one of the priority direction of the informatization process of modern society is educational informatization – the process provides methodology and practice of investigation in the educational sphere. The process also provides optimal use of contemporary information techniques oriented on the realization of psychoeducational aims of education. This process initiates:

- improvement of the mechanisms of directions of the educational system on the basis of use of automated databank of the scientific pedagogical information, informative-methodical materials, and communications chains also;
- improvement of methodology and strategy of content acquisition, methods and organizational forms of education relevant to the tasks of personality development of trainee in the contemporary conditions of social informatization;
- creation of the methodical educational systems oriented on the development of the intellectual potential of trainee, on the skill formation to gain knowledge independently, to carry out educational-informative, research-experimental activity, different types of independent activity to process information.
- creation and use of the computer testing and examining of control methods and knowledge level evaluation of trainees [1].

Educational informatization as a process of intellectualization of activity of a trainer and a trainee developing on the basis of capacity of means of modern information technologies, supports integration tendencies of the process of cognition of knowledge domain and environment (social, ecological, informative, etc.) conformity, combining them with advantages of individualizations and differentiations of education, thus providing synergism of pedagogical effect.

The monograph suggested to the reader is devoted to the solution of the main problems of educational informatization on the conceptual level. It investigates the possibility of means of up-to-date information technologies, pedagogical reasonability of their usage, psycho-educational demands maintained to them, optimal conditions of their usage. The ways of realizations of conceptual positions proposed in the book: creation and application of teaching resource base of the educational informatization process. The composition of the teaching resource base is also given, here it is described the assignment of teaching methodical complexes, which structure includes the means of educations functioning on the basis of new information technologies and intended for the support of the teaching process of general subjects. Besides in the monograph it is considered the reasonability of use of teaching, demonstrative equipment interfaced with computer which assigned for the organization and realization of experimental investigative activity. Special attention is paid to the analysis of the potential of program facilities and teaching assignment systems and pedagogical appropriateness of their usage in the teaching process[2].

On the experience basis of quality evaluation of program means and systems used in the sphere of education and analysis of different approaches to the problem of effectiveness rating of their usage here it is suggested the export-analytical approach to the evaluation of program facility quality based on the three-step activity of an expert in using him the set of factors for the characteristics of program facility.

On the basis of analysis results of program products and other works of international conferences and seminars devoted to the problems of applications of multimedia technology and "virtual reality" system in the field of education, in the monograph it is described the perspective areas of pedagogical techniques using the opportunities of contemporary means of work with audiovisual information. It promotes the realization of the intensive forms and methods of teaching for the purpose of trainee personality development.

Pedagogics as a science of purposeful, specially organized, systematic activity to form an individual and also of the content, organizational forms and methods of education has been existed for some hundreds years. In its other roles – as an art or an occupation the pedagogics has been existed for thousands years. Even at first sight the problem of knowledge and skills passing to the next generation makes us sure that the tasks and objectives of the current requirements of society in the given period of its development have been always first-priority[3].

In the same time a so-called invariant has always been existed which has been formed in the meaningful objective: the development of the individual personality in the harmony of its three principles – moral, intellectual and physical. Not detracting the significance of its three principles let's appeal to the problem of intellectual development, the development of the creative potential as the highest principle of a human being. We will consider the term an intellect in the general sense as a skill of thinking, learning initiating mental development of an individual. Disclosure of the natural skills to learn and to create, their

systematic development, their improvement and their realization – is the way each man should follow in the process of making up of his personality. Contemporary sociological and psycho-educational investigations persuade us that a man who has realized his potential is a man without inferiority complexes. As a minimum this is a necessary condition of a comfortable life as a human being itself and a society as a whole for the further development of self-perfection. The development gradient depends on three conditions: discovering individual potential of a human, its development and realization for the benefit of society and a human himself [4].

Thus, the informatics has made the informatization, i.e. introduction of information. Computerized society is the "information society" and then, when each member becomes a node in the network total cyberspace, the "knowledge society". According to Kurzweil etc., "e-thing" will be deified to the level of the rejected Christ. In this case God is now becoming as "bio computer". Knowledge of new pseudo-divine laws will generate a "post-human society" where the main goal is the acquisition of the managed human immortality in the

World's. In the post-human society only large "bio computer" can do everything on their own without having to depend on anyone, watch all, read all just born thoughts and feelings of their fellow members, record the thoughts, feelings and actions in memory (the Book of Life) punish the fellow members (the Last Judgment). The fellow members of this «bio computer» are man-machines, i.e. "post-humans". Earthly human immortality in this case is completely achievable. For "e-things" all aspects of his life are recorded on the chips and then sent to the database. If necessary, the chips can be transplanted into another body and man-machine is immortal. However, the "immortality" manageable because once disobedience appears the man may be destroyed according to the principles of the Russell-Huxley. "World's bio computer" can assume 3 variants: 1) unrealistic, i.e. "collective intelligence" of man-machines; 2) possible, i.e. scenario science fiction writers (when to 2060 computers which have reached the total power of the mankind's brain will rule the world); 3) real (when part of mankind without a chip will manage of man-machines). Probably this process cannot be stopped because the entire world's elite supports it. But you should understand the following. If we compare computers with fast arithmometer, it is useful and necessary. But the use of computer for modeling of the biological systems and management should recognize a mistake because this was the starting point to the end of human civilization. This approach is a mechanism philosophy which turned into idealism, into metaphysics. Mathematics cannot be abstract science; it should describe the existing, not trying to comprehend the incomprehensible. Computing machines are for computing; they cannot and should not get into others phenomenon, for example natural and social. Cybernetics eliminates the qualitative features of the phenomena in which grossly interferes. Elimination of such specificity unifies all phenomena reducing them to a common standard that kills life. Alternate between machine and man is not allowed. By the middle of XXI c. the mankind which turned into a "post-human" will cease to

exist. The man's already now stops to think, act and feel bringing his time in voluntary sacrifice to the computer. The purpose of life is to achieve material wealth, comfort and uninterrupted pleasure and earthly immortality. For this is also is a help of psych technologies that disable human consciousness and human redraws. Access to the subconscious is a access to the human soul. Psycho-technologies can talk to a soul to inspire her something and pushing to do for something. The human ear cannot hear these words and man do not realize the impact. He receives a message from his subconscious takes her for his own and believes him. The thought haunts of man until he begins to conduct a dialogue with her. After the start of the dialogue man leans to the idea and as a result makes an action. In Christianity, this is called seduction man by demons. Psycho-technologies also allow you to hear the answers of subconscious[4].

As a result, you can build a program for the individual behavior of the individual who has ceased to be a man. Being under the constant influence of the media the people are poorly able to resist of psycho-correction. When Nano robots are implanted in the body the resistance will not impossible. With the help of information technologies for the first time in the history of mankind was possible to realize all the utopian communist doctrines, from Pythagoras and Plato: building a society of total happiness. If an individual thinks only of satiety and pleasure, he is happy because disconnected from any external stimuli and not having the ability to make decisions.

Therefore, we can say that with the help of computer science under the flag of global democracy in the world wins the communists m. I.e., in fact, the human race is on the transition from an industrial society to a communist society. Finally, we can recall the Book of Revelation: "And he caused all, the small and the great, and the rich and the poor, and the free and the bond, that there be given them a mark on their right hand, or upon their forehead; and that no man should be able to buy or to sell, save he that hath the mark, even the name of the beast or the number of his name. I.e. the cyborg gyration is a stamp of antichrist according to the Christian tradition[5].

In turn this means that all the doctrines associated with the transformation of man are Satanism. We must assume that those who refuse to use technology subcutaneous wallet will not be able to sell and buy. The ultimate goal of human development is to achieve harmony through love of neighbor. But you can not love everyone equally, true love is possible only to peers, as envied the love is impossible. Democratic identity of all possible only within the "World's bio computer" as nodes in a network through totalitarian control over the thoughts and feelings. I.e. democratic love is totalitarians m as the highest stage of democracy and its purpose is to purging the mankind from mankind in the name of mankind. Considering the history of information technology, this definition must always remember. Christ offers to mankind the greatest of gift: His God's love, i.e. natural life. Each person is called to respond to this in the affairs. But man succumbed false informatization charms and rejected God's gift. Thus, the man rejected his own life deciding to replace it with artificial surrogate. The man

refused to God's law, i.e. from moral laws of life. Because of this there was blurring of boundaries between the concepts of goodness and evil. Information society is based on the principles of permissiveness, unlimited stupidity and neglect eternal truths[6].

The main economic resource of the information society is a fool because he can believe anything. Society, whose members are stupid "ideal customer" which completely devoid of rational consciousness is a morally sick. His future deadly disease is a cyborg gyration. I.e. mankind will destroy not asteroid and not natural disasters but the temporary triumph of evil over goodness. Now, when mankind is on the threshold of his death, it is necessary to know and understand.

Conclusion

The investigation given above shows us that it is not possible to take a worthy part in the global competitive market of goods and services, education and innovations. Incomplete computerization of Kazakhstani schools, lack of teaching programs, internet limit for pupils and students are the minor parts of problems in realizing national projects in education. The peculiarity of the modernity – globalization and information revolution placed demands for school leavers to be able to put their knowledge into practice in nonstandard situations of real life. The school leavers in our country experience difficulties working with information presented implicitly, they do not develop learning independency. The solution of these problems should become the main task in education in the closest future.

References

- [1] D. Groth and J. MacKie-Mason, "Education Why an Informatics Degree", Communications of the ACM., vol. 53, N 2, pp. 26-28, 2010.
- [2] S. Jacobsson, "The Future of TV: 3D, WindowWalls, Visible Light Communication, and More", PCWorld. 15 Apr. 2010.
- [3] A.B. Kostenko, N.O. Manakova and E.V. Kuzmicheva, Lecture notes "Informatics", "Informatics and computer technology. Kharkov: KNUME press, pp: 94, 2011.
- [4] Hamidi, F., Information Technology in Education. Procedia Computer Science, 3: 369-373, 2011.
- [5] R. Kurzweil, How to Create a Mind: The Secret of Human Thought Revealed. New York, USA: Viking Press, 2012.
- [6] Kalinkina, N.N., Forming of information society: informatization of society and informative infrastructure development. Economic Science, 3(2): 494-499, 2012.