ACTUAL PEDAGOGICAL PROBLEMS OF COMPUTER SCIENCE IN THE INFORMATION AGE

Annotation: In this article highlights of actual pedagogical problems of Computer Science in the information age.

Key words: pedagogy, education, information age, computer science.

Not every person living in today's harsh times can protect himself from the increasing scale of the incomparable vulnerability of the flow of information in the first place. However, one should not underestimate the fact that the level of information provided by a person is of such great importance today that they are also one of the main factors in determining the social, political, cultural, spiritual, moral prestige of a person in a self- and certain information space.

Even in history, people lived in a certain information space, but the burden of information and the low technical capacity of its transmission did not have a significant impact on the person's prestige in society. After all, a person has lived for a long time not only during the diversity of information, but also limited to spiritual and educational information, which is valid in a certain social space. Today, as one of the qualitative signs of literal perfection, attention is also paid to the degree of formation of a person's skills in the use of modern information technologies, sorting information and analyzing their content, classification of information. Therefore, the formation of Information Culture in accordance with modern standards is of paramount importance as it has become a strategic goal to educate individuals who are harmonious on the basis of large-scale reforms carried out in our country in the period of the current period of globalization and its positive and negative features are also growing every minute. The effectiveness of the educational system, especially the level of
information heights of modern pedagogical technologies, becomes a decisive factor.

Information processes and informatics occupy one of the Priority Places in the society today. The importance of Computer Science in the growth of information needs, the maintenance of production and social management, the creation of the fundamental foundations of social development processes is increasing.

Another reason why information processes and informatics are of great importance to the development of science at the present time is the laying of global, in particular, the solution of environmental problems on its basis. Without creating a database and mastering the knowledge of Information, Information-environmental transparency cannot be switched to management. The transition to paperless Informatics (now electronic, later photon) itself allows you to preserve the biosphere, as well as plants (homeopathy for paper). All energy and resources are economically and on the basis of saving – investigative technologies (first of all-innovative technologies) lay the latest information technologies based on exposure. In the future, it is even envisaged to build relations between society and nature on the basis of Information Strategy and the high level of information knowledge.

The creation of an informed society is not only the creation of a post-industrial society, but also the creation of a society whose industry is finally at a high level. Despite the fact that the creation of the information and Information state of civilization life is carried out in a parallel, interrelated way, the information society is expected to be built relatively early, and according to the estimates, the formation of the global infosphere will end in the middle of the XXI century. Of course, the infosphere, although with the addition of all the exposures to it in consumption, attached microprocessors, communication tools and other information technology and technology, nevertheless, still does not arise information society. Society and informatics go shoulder to shoulder and
interact, as part of this society's worthy and sectors of Science, Technology and industry manifest all the power and potential of information as information society is constructed. Therefore, informatization it is not only the creation and use of computers, but also the process of “restructuring the society in terms of informatization”, the transition of each individual, as well as the whole society to a new life-giving level that requires information literacy. The study of the harmonization of the interaction of society and informatics, its laws and trends, in particular the humanitarian problems of informatization, should include in the curriculum the science of “Social Informatics”, which is a new branch of Science Education and constitute its main content.

The informed society assumes the guarantee of strict prohibition of entry into the personal information Life of each person, as well as the free use of Universal Information Resources;

Today, the president of our country has great potential, modern achievements of science have paid great attention to educating young people who can conduct independent thought and observation in acoco, independently search for the necessary information and distinguish from them the necessary ones on the basis of analysis, communicate with all, apply their knowledge gained by education in their vital needs. And for this, it is necessary to prepare our students for this, starting from the primary classes. That is, it is necessary to provide in-depth knowledge in the primary Sciences, to thoroughly teach foreign languages and to formulate the necessary necessary skills in Information Technology. It is known that now we live in the world of information. Both in reading, at work, and in everyday activities, we face the means of computer technology, and without this we cannot even imagine our present day. Therefore, it is necessary to give our students in-depth knowledge of the subject of Informatics, to teach them the correct and rational use of computer and its other technical tools. And the students should be able to acquire the necessary information, search for them, learn to distinguish and use the necessary from it.
At the same time, the knowledge, skills and skills learned need to be formulated so that they can use them in solving the problems that they face in their daily lives. Accordingly, it is necessary to prepare these tasks in the educational institution in such a way that the students will be able to apply them in their vital needs, together with the acquisition of the necessary knowledge, skills and qualifications in the process of studying the subject matter.

In the future, the informed state of society, as far as possible, must ensure the realization of humanitarian prints and Noble wishes, the preservation of civilization in the eyes of darkness, the preservation of survival, its all-round risk-free comb. The introduction of the subject “Social Science informatics” into educational programs in it can be one of the most optimal solutions to the problem.

Of course, you can not forget about the living layer of the teacher, so the use of ICT should be reasonably dosed to benefit in the process of learning and education. As practice shows, it is impossible to imagine modern education without new information technologies. Lessons using ICT are becoming commonplace for students and become the norm for teachers. Thanks to animation, sound effects, educational material becomes memorable, easily digestible, saves time. Therefore, the lessons were held using ICT presentations, electronic tests, virtual experiments, Internet resources.

References:
