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THE IMPORTANCE OF THE USE OF INNOVATIVE TECHNOLOGY IN EDUCATING THE COMPETENCE OF FUTURE COMPUTER SCIENCE TEACHER

Utkir Eshaliyev
Teacher, Pedagogical Institution of Termez State University, Uzbekistan
email: utkireshaliyev70@gmail.com

ANNOTATION:

This article provides recommendations for the university to provide understanding and skills on the use of innovative technologies in the "Education of competence of future teachers of computer science." Based on these recommendations, the role of information technology in educating the competence of a future computer science teacher is highlighted.

Keywords: innovative technology, educating, competence, computer science.

INTRODUCTION:

The viable socio-economic development of the new Uzbekistan largely depends on the world's intellectual potential and the training of mature specialists. This requires the improvement of the technology of education of competence of the future teacher of computer science. One of the effective ways to solve such an important task is to develop the skills and competencies of the future teacher of computer science to improve the competence of technology and engage in creative activities. Another important aspect of this task is that today science and technology are improving and developing day by day, hour by hour, and as a result, there is a need to train mature specialists accordingly. In this regard, the issues of ensuring competitiveness in the training of future professionals, adaptation to the developed education system, development of cooperation in education, the formation of future professionals as innovative developers are urgent tasks. Fulfillment of such tasks has risen to the level of state policy in our country. The current task is to reform the system of continuing education in accordance with the spirit of the times, in a new interpretation, to innovate the content of education on the basis of the latest scientific and technological achievements and to improve the training of future professionals. In particular, the Action Strategy for the five priority areas of development of the Republic of Uzbekistan, entitled "Further improvement of the system of continuing education, increasing the capacity of quality educational services, Continuation of the policy of training highly qualified personnel in accordance with the modern needs of the labor market ”also requires a radical reform of all aspects of our creative activity in this area. The fulfillment of such tasks, of course, is directly related to the innovative development of future professionals, which requires improving the quality and efficiency of higher education. This is done on the basis of stimulating research and innovation and intellectual activity, the widespread introduction of scientific, methodological and innovative achievements in practice. Therefore, the creation of effective mechanisms for the implementation of innovative developments (innovative methods and educational technologies, innovative-integrative education, etc.) is becoming increasingly important. In this case, science, in general, creativity has fulfilled its mission if it achieves the effective implementation of all stages, from research and technical solutions of scientific research to the application of the results in practice (production, education,

upbringing, art, etc.). This recommended article is also designed to improve the training of future teachers and discusses in detail the issue of preparing future teachers for innovative activities. All educational endeavors are the joint intellectual and physical work, collaborative or independent work of students, educators, educators, and, in general, pupils and students in the example of educators, educators, educators, other officials, in short, teachers and educator is a multifaceted and complex process consisting of creative thinking. The issues of increasing the effectiveness of lessons and extracurricular activities are inextricably linked with the scientific organization of the educational process and the practical application of new pedagogical technologies.

The main purpose of the organization of innovative activities in educational institutions, the introduction of innovations and new approaches to the educational process is to ensure consistency in the cooperation of teachers and students and to establish it on the basis of a clear plan and goal-oriented. This work requires a combined solution of pedagogical, psychological and organizational issues. It should be noted that pedagogical innovations require participants to thoroughly acquire methodological, psychological, technological knowledge about the laws of the process of emergence, manifestation and management of innovations. Otherwise, pedagogical innovations will not be effective. In our opinion, the effectiveness of innovative processes to be introduced in the education system and the responsibility to meet the requirements of the National Training Program depends on the conditions for the development and implementation of pedagogical innovations, the appropriate, rational and integrated use of traditional and modern methods of education. In some cases, there are cases of abandonment of traditional methods that are effective. These innovations seem to be opposed to teaching methods that have been tested in practice and yielded creative results. Therefore, it would be desirable if positive experiences in the traditional education system were combined with innovations. Today, the interest and attention to the use of innovative technologies in the education system is growing day by day. One of the reasons for this is that while the goals of education so far have been for teachers and students to acquire only ready-made knowledge, modern technologies have taught them to be creative, to search for knowledge, and even to draw their own conclusions. Innovative technologies in the pedagogical process are innovations, changes in the activities of teachers and students, which require the use of interactive methods in its implementation. Interactive methods are based on the activities of each teacher involved in the learning process, free and independent thinking. When these methods are used, learning becomes a fun activity for the learner. When interactive methods are used, students gain skills and competencies to work independently with the help and collaboration of teachers. Students acquire new knowledge on the basis of scientific research, research, experiments. The principle of acquiring knowledge through science is followed. Participants in the learning process work in small groups. Assignments are given to all members of a small group, not to an individual student. Each member of the microgroups tries to contribute to the task. This situation creates a sense of community in teachers and increases their initiative.The main form of organizing the teaching process is the lesson. At present, various non-traditional forms of teaching are being introduced. Such lessons serve to develop the creative ability of the student, strengthen the intellectual potential, expand the scientific worldview and the formation of skills and abilities to quickly and fully accept any innovation. The use of innovative technologies

in the classroom stimulates students' interest in scientific research, develops creativity and ingenuity. As a result, the acquired knowledge, skills and abilities are applied in practice, the quality of mastering increases. To do this, the teacher must be competent and plan the lesson correctly, depending on the content of the topics, to engage all students in active and conscious work during the lesson. After all, the teacher-education is the main executor of the reform. At the same time, it is important to train every teacher to master, process and apply a large amount of information in a short period of time. In solving it, the teacher is assisted by the use of modern information technologies, including computers, along with traditional methods of teaching. First of all, it is possible to convey a lot of knowledge, facts and information to students through the wide range of information and communication technologies. Second, the full implementation of the teacher's innovative plan, ideas and thoughts is easy and effective. Such processes play an important role, especially in the teaching of computer science. we believe that training in the successful application of innovative technologies is one of the key objectives of ensuring continuity and continuity. Thanks to the integration of sciences, the most unique achievements of civilization are being achieved. Man's understanding of the external world and his identity, the knowledge of new laws of human and social relations are taking place. In such a dialectical process, an economic phenomenon, such as production, set in motion by the human intellect, is rising to a leading position. When all efforts are made to serve human health, satiety, and superficial integrity, the essence of such a large-scale vital phenomenon as production becomes clear. The essence of such a large-scale vital phenomenon as living and reproduction, construction and creation, as well as production for science and politics, becomes clear. In order to live and reproduce, to struggle and create, to engage in science and politics, it is also necessary to establish production, agriculture and animal husbandry. The close relationship between the organism and the environment, the interdependence of celestial bodies, the cosmic life of the Earth, the coherence of changes in human life with geological and astrophysical events, the connection of historical events on Earth with the activity of the Sun. Such global scientific-creative socio-enlightenment and anthroponospheric processes continue uninterrupted.

It is illogical to argue about what comes first in this membership. The universe is primary, man is secondary, and production and science are the physical and intellectual products of man. Only when science serves production, production serves humanity, and man serves the material and spiritual development of the world, will purpose be achieved. The reflection of such processes in education is much more complicated. This is due to the continuity and continuity of the education system. With the help of modern educational technologies, the goal can be achieved in the implementation of educational issues. At the present time, when the reforms in the system of continuing education of the Republic of Uzbekistan are in full swing, the need to improve the form and content of education and upbringing should be the main issue on the agenda and further strengthen teacher-student cooperation.

In general, the human factor is a very important component in education and upbringing, and it is necessary to emerge as a powerful force that ensures that there are no gaps in ideological training grounds. The goal is achieved when the worldview of young people based on universal and national values is combined with scientific and secular knowledge.

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