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## PEDAGOGICAL POSSIBILITIES OF COMPUTER AND INFORMATION TECHNOLOGY TEACHING ON THE BASIS OF CONSISTENCY

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**ABSTRACT:** This article provides ideas on the consistency, place and importance of teaching computer science and information technology in the higher education system.

**KEYWORDS:** ICT components, horizontal level, vertical level, technological and didactic.

### INTRODUCTION

Currently, the introduction of ICT in higher education institutions is being carried out at a rapid pace, and based on this, teachers in the field of continuous modernization of the existing software and technical support of computer equipment in the conditions of using ICT, creating ICT for the educational process and using it in practical activities and issues of meaningful and technological development of ATM, which allows to improve the management of the educational process in higher education institutions, are becoming more and more urgent.

In recent years, scientific and scientific-methodical sources have been working on the creation of ATM in educational institutions. A.A. Abdukadirov [1], A.G. Abrasimov [2], M. Aripov [5], T.G. Vezirov [3], R.R. Boqiyev [4], Z. Jololiddinov [6], Sh.S. We can cite the works of Sharipov [7] and similar researchers as evidence. At the same time, in this regard, scientific-methodological developments have been made that provide promising pedagogical results. It is appropriate to express them in the following directions:

- on the creation of innovative technologies in higher education institutions;
- development of electronic educational-software-didactic supplies for higher education institutions;
- work was carried out on the development and improvement of the scientific-methodological support of professional training in higher educational institutions.

The research work carried out on the mentioned scientific and scientific-methodological supplies is aimed at innovating the process of preparing BKM for professional activity, and as a result of their implementation, significant quality changes in education and achieving high efficiency are achieved. is important.

According to the researches of foreign and national scientists on the innovation of education, innovative educational technologies selected based on scientific and methodological aspects significantly increase the effectiveness of the practical activity of the teacher and the personal development of the students.

This noted sequence can be a didactic basis supporting the activities of educational management, and the process of educational management itself, especially the acquisition of optimal options in these processes, is a process related to active management, or It is necessary to carry out corrections during the implementation of the controlled process - the process of preparation of BKM for professional activity.

In this regard, the scientists of our Republic are conducting significant fundamental research. In particular, prof. A.R. Khodzhaboyev conducts scientific research on higher educational institutions and their educational-methodical complexes, and has developed the scientific-methodical foundations of the preparation of educational-methodical complexes in labor education and technical sciences.

Today's intellectual potential demands that the first century of the third millennium be called the "intellectual century", because the 21st century is the century of unprecedented rapid development of science and technology in the world. It is impossible to imagine education, science, art, literature, industry, production and spirituality without informatization, because in the last decade of the 20th century, informatization was recognized as a resource for the development of the entire human society. . There were predictions made by our scientists in advance to express such an opinion.

In this regard, the following opinion of professors Q.T.Olimov, Z.SH.Tokhtayeva is valuable: "Currently, in the initial stages of studies in higher education institutions, the focus is on general education, and in the later stages, more higher education aimed at institutions. Attention can be focused on changing this system. That is, at the primary level, teaching general education subjects to the extent necessary to explain all specializations with mainly professional programs (some general education subjects considered necessary for the social and cultural development of students). Then, by the end of the second year, students can choose—students who want to continue their studies in higher education, study more general subjects in the third year, students who want to enter the labor market. students study with more emphasis on vocational subjects. Today, it is no secret that modern higher education institutions are operating in every region of our Republic. The training of the BKM detachment that needs to be trained in this field and in it is the optimal option for solving the problem of providing modern production in our Republic with qualified specialists.

On this basis, from the first steps on the path of our country's independence, to realize our identity, to develop our intellectual potential and to pass it on to the next generation, to expand the weight of scientific and research work in educational institutions dedicated to the acquisition of modern professions by young people, in the field of education issues such as personnel training and scientific research in cooperation with foreign countries have risen to the level of state policy. Research in this area and their results emphasize the need to pay attention to a number of factors in finding solutions to such an important problem.

The analysis of scientific, scientific-methodical, methodical sources in these areas shows that remarkable work is being done in foreign countries and in our Republic on the educational process, especially in higher education institutions.

If we analyze the events and phenomena taking place on a global scale in depth today, it is felt that it is an important problem to improve the education system based on modern requirements and to achieve personnel training in efforts to improve human life towards prosperity. It will be possible to solve such a problem by making the education system meet the requirements of the times, that is, by achieving personnel training based on the educational standards and programs of advanced, developed countries.

So, in the 21st century, the demand for future specialists is growing day by day in line with the development of science and technology, especially information technologies. Therefore, it is appropriate to set the following requirements in addition to the DTS for the preparation of BKM:

- based on the socio-economic development of the country, to meet the modern requirements of the society and the state, achieve continuous and integrated use of the advanced achievements of science, technique and technology in the training of junior specialists;

- to create a scientific-technical and informational database on achieving the priority of personnel training policy that will meet the socio-economic conditions in the future, achieving positive quality changes in education and acquiring high efficiency;

- It is necessary to develop innovative methods of achieving quality indicators and efficiency in DTS and to prepare promising scientific and methodological developments related to the selection of optimal options in this field;

- the task of regular optimization of educational forms should become a daily professional activity of every teacher, and as a result, taking into account the interaction of technical and human resources, creating a dynamic process of learning, knowledge acquisition and their practice implementation of the application system.

Therefore, the creation of scientific-pedagogical bases for the development of educational-methodical support and information-methodical system in solving the problem of preparing BKM assesses the practical importance of our activities in this direction.

For this, it will be necessary to carry out scientific and methodological activities to create advanced, effective methods of choosing the optimal options for conducting the educational process.

Therefore, the use of modern educational technologies in the optimization of the educational process made it possible to create scientific-theoretical and methodological foundations in this direction.

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