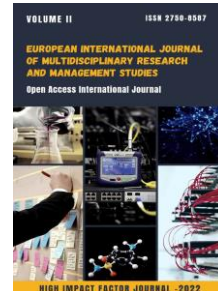


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**SCIENTIFIC AND THEORETICAL FOUNDATIONS OF THE USE OF INFORMATION
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Republic Of Uzbekistan***ABOUT ARTICLE****Key words:** Information and communication technologies, innovative pedagogical technologies, computer training technologies, pedagogical technology.**Received:** 14.01.2023**Accepted:** 19.01.2023**Published:** 24.01.2023**Abstract:** Information and communication technologies are widely developed all over the world today. Information and communication technologies are the main force in maintaining the economic system of the state: they organize new jobs in such areas as telecommunications, software development, and create new software for such services as education and training, which is emerging around new information and communication.**INTRODUCTION**

The use of information and communication technologies in the educational process, lesson sessions increase the curiosity of students about learning, the effectiveness of independent work. Together with information and communication technologies, the computer offers new opportunities in the field of education, students' learning and learning. In all areas of higher education, we can see the course process using information communication technologies (ICT). In the system of Higher Education, a new approach to improving the efficiency of quality, effective education and development of the higher education system, which is one of the main branches of our development for the organization of educational processes, is laying the foundation for the formation of content and essence. Therefore, in the process of rapid development and improvement, the effectiveness of Information Communication Technologies is important. Internet, computer system of Higher Education in our country at the present

time, on the basis of multimedia electronic manuals, electronic databases and such new information technologies, a number of works are being carried out on the organization and their widespread use in the course of the lesson [1].

LITERATURE ANALYSIS AND METHODOLOGY

Yunusova G.A. Methods of effective use of some frames, methods in mastering mathematical concepts in practical lessons from mathematics/ Asian Journal of Research in Social Sciences and Humanities. – V.12, Issue 2022 SCIF 8.625-P. 412-414. Yunusova G.A. Problems of quality of personnel training quality in the aspect of the competence based approach/ Science and innovation. -V1 Issue 8, UIF-2022: 8.2 ISSN: 2181-3337-P.2033-2037. Ш.А. Пазилова Усовершенствование дисциплины основы преподавания электротехники и электроники. Educational Research in Universal Sciences 1 (6), 251-255, 2022 Development of basics of electrical engineering and electronics in higher military education S.A. Pazilova Current Research Journal of Pedagogy 3 (04), 48-51, 2022

RESEARCH AND METHODOLOGY

It is considered to accelerate the training of educators using a modular system of training. A wide range of work is being carried out in the Republic on the application of pedagogical and information technologies in the educational process. The scientific theoretical foundations of this problem, the peculiarities of each pedagogical technology have been developed and sufficient experience has been accumulated. Relevant organizations of foreign countries provide close assistance in the introduction of pedagogical and information technologies in the educational process. On the basis of the word combination " pedagogical technology "lies the concepts of" technology"," technological process". Through these concepts, the technical document on the sequence of work performed to obtain finished products in the industry, and in education-on science a complex of methodological activities is understood. The main way to understand pedagogical technology is to focus on clearly defined goals, establish regular interaction with the educational person, to teach through the behavior of the educator, which is considered the philosophical basis of pedagogical technology. Interaction should form the basis of pedagogical technology and fully cover the educational process. The term pedagogical technology was described by every Didact scientist from his point of view. A complete and unified definition of this concept has not yet been adopted. Among these definitions, the most expedient is considered to be the definition given by UNESCO.

Currently, a comprehensive study of the effectiveness of any educational discipline of general secondary education in its entirety or in what part of it is carried out using ICT, or the pedagogical principles of

the application of ICT, its psychological characteristics, the mechanism and factors of its influence on the process of cognition, as well as many other aspects is becoming relevant. This creates the basis for the formation of a new content and essence in the educational system, in particular in the organization and implementation of educational processes, the development of educational and methodological support, especially in increasing the efficiency of passing and mastering training sessions.

In the successful implementation of such a huge task, it is of particular importance to convey to the teacher and students the necessary educational literature in the state language. The methodological instruction is intended for teachers operating in secondary schools, which includes knowledge of the formation of a new content and essence in the educational system, in particular, in the organization and implementation of educational processes, the development of educational and methodological support, especially in increasing the efficiency of passing and mastering training sessions. The main goal of all reforms in the field of education is the education of spiritually perfectly developed people, the education system it consists of carrying out in accordance with the requirement. That is why today special attention is paid to the effective use of modern technologies of computer and information technology in the educational and educational system. And this is due to the fact that in the process of Education, pedagogical personnel who provide students with knowledge in various disciplines can use modern means of Information Technology, first of all, increase the level of knowledge and qualifications in this area, technical support of the educational system, and create full opportunities for using the internet, an effective result can be achieved.

DISCUSSION AND RESULTS

Taking into account the place of information and communication technologies in improving the quality of education, the module of internet technologies in education, in the framework of modern internet technologies, allows trainees to acquire the necessary theoretical, practical and qualification skills, improve their professional skills during the period of labor activity, and is aimed at applying knowledge in production enterprises of the industry, practice, Improving the quality and effectiveness of the educational and educational process will largely depend on the extent to which it is provided with educational tools.

Educational tools are information carriers that provide knowledge that must be taught and studied. In terms of the use of educational tools can be divided into the following 3 parts: for the educator; for the educator; for conducting lessons.

TYPES OF EDUCATIONAL TOOLS

Educational tools are divided into six types: text tools; image tools; audiovisual tools; auxiliary (equipment) tools; model tools; real tools. Computer training technologies

Computer technology, while freeing the teacher from hard problems, allows him to go from information to creative discussion with students, joint research, to new forms of teaching, in a word, to more creative work. [2]

The computer provides us with:

- Interactivity
- Multimedia
- Communicative
- Productivity

The participation of a pedagogue and a computer at the same time in the educational process greatly increases the quality of Education. The use of the proposed methodology activates the teaching process, increases the student's interest in the subject being studied, and allows him to deeply master the teaching material. Computer and pedagogical cooperation on the one hand helps different categories of students to better understand the teaching material. On the other hand, it makes much higher demands on teacher qualifications and level of training.

Pedagogical achieve a guaranteed result from the set goal in cooperation, that is, each educational technology is defined as the increase in the effectiveness of education, the use of technological means, computer, distance learning, or various techniques that are associated only with information technology, as well as those that need to be applied in the process of teaching. The most fundamental aspect of pedagogical technology is that we believe that it depends on the chosen technologies of the teacher and the student to technology used in the teaching process, in achieving a guaranteed result on the goal, is able to organize cooperation between the teacher and the [3].

CONCLUSION

Issues such as the conditions for the use of information technologies in the educational process, the possibilities of modern information technologies in ensuring the quality of Education, the use of Information Technologies in the educational process are covered. Conclusions and recommendations of pedagogical technology it is possible to achieve the expected result only through the correct use in the educational process. Therefore, pedagogical technology is required to fully take into account the

laws of pedagogy. The concept of education is also a systematic process that ensures the constant transmission of socially significant experiences accumulated by ancestors to generations.

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