EFFECTIVE ORGANIZATION OF PROCESSES FOR PREPARING STUDENTS OF PRESCHOOL EDUCATION FOR PROFESSIONAL CREATIVE ACTIVITIES BASED ON INFORMATION COMMUNICATION AND DIGITAL TECHNOLOGIES

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The information environment is a means of effective interaction between the participants of the educational process: children, educators, parents. It is worth noting that information and communication technologies can be successfully used in the educational activities of teachers, as well as in management and methodical work, as well as by practical psychologists, speech therapist teachers and nurses. Innovative pedagogical technologies belong to the system of general scientific and pedagogical knowledge.

General innovations, methodology, theory and history of pedagogy, psychology, sociology and theory of management, education economy are developing at the threshold. Innovative pedagogical technologies are one of the most important directions in human development. The relevance of the use of software products in the educational process in the training of future educators for preschool educational institutions is that the role of software products in the education of preschool children in the current globalization period is incomparable. A modern educator should not only give the child basic knowledge, but also direct him to master it independently. The use of software products as the main tool for this is the need of the hour. Educators must make great efforts to develop cognitive interest in children. He has the task of making the lesson interesting and rich, which encourages children to learn actively. That is, the material offered by the educator during the training should contain elements of extraordinary, surprising, unexpected information, which arouse the interest of preschool children in the educational process and help create a positive emotional environment. A modern person has so much information that he cannot process and use information without new information and communication technologies. Year by year, computers and information and communication technologies are rapidly entering society. The current main goal of the education policy is to provide modern education that meets the needs of the learner, society and the state, and has the necessary high efficiency for future development. "A new Uzbekistan is being formed as a result of our extensive measures for the political, social and economic modernization of society. Today, democratic changes in our country have become irreversible. "Modern information technology of education is not the student's technology, it is primarily the teacher's (pedagogue's) technology. A student does not study modern information technology, but uses its product as a technical means of learning. The instructor (pedagogue) prepares for the lesson using modern technologies, organizes the lesson, monitors the knowledge of the instructor-students, and his task is to introduce the highest level of computerized information technologies into the educational process in order to improve the educational content. The development factors of information technology, computerization and computer networks are related to the need to develop both directions of computerization. For this, it is necessary to create a "concept of computerization" at all levels of the continuous education system, based on the accepted normative-legal documents in this field. The service of Western scientists in researching the theory and methodology of introducing information and communication technologies to education, the methods of using Internet technologies in the learning

process, and the problems of using remote learning technologies is incomparable. Computer technologies develop the ideas of programmatic learning, open new technological options of education related to the unique possibilities of modern computers and telecommunications. Computer (new information) technologies of education is the process of preparing information and transferring it to the learner, the means of its implementation is a computer, i.e.

- formation of the ability to work with information in students-students, development of their communicative abilities;

- preparation of the person of "informed society";

- provision of sufficient amount of information at the level of learners' ability to learn;

- formation and development of research skills and the ability to make optimal decisions in students.

In order to develop the professional effectiveness of pedagogues and leaders of higher education institutions, it is necessary to involve them in additional pedagogical training from the first days of their work. Information and communication technologies are the closest assistant of the listener at every step, the most useful tool in all processes, from the preparation of a qualified pedagogue to a high-quality, interesting and effective delivery of a lesson. In preparation for the lesson, the teacher can prepare didactic, handouts, demonstration tools, slides and lesson plans using a computer, and with the help of the Internet, he can enrich them with various additional information, interesting photos, audio and video clips. In the course of the lesson, information and communication technologies help students to develop their worldview, knowledge and skills through seeing, hearing and independent performance. At each stage of the lesson, there is an opportunity to repeat and consolidate the lost topics, report on new knowledge, practical exercises, laboratory work can be carried out partially or completely with the help of information technologies. All it takes is the ability to use a few computer programs, a little time and attention. In this way, the teacher achieves his greatest goal, provides students with quality education, prepares them for a big life.In recent years, almost all higher education institutions have been provided with study-laboratory equipment and modern computer equipment. At the same time, extensive work is being done on their efficient use in a certain process. In particular, the skills of all teachers working in higher education institutions in the use of information and communication technologies have been improved and are being improved. Special attention is paid to

ensuring effective use of modern technologies by teaching pedagogues, continuous improvement of their qualifications. The professional characteristics of the operator's readiness are methodological (ensures independent work planning and methodical implementation), educational-organizational (ensures its technological organization in the information environment), expert (focused on control of results) components and network cooperation component (joint activity ensures compliance) is reflected. The information-technological component has a technical and, at the same time, basic character, which provides the student with the knowledge and skills to use information technologies in his professional activities. Organization of information educational environment opens up new opportunities for organizing students' independent work.

Widely popular tools of the Internet, such as e-mail, newsgroups, chat networks, can be used in the educational system. There are special programs that enable real-time communication and transfer of text, image, sound, or arbitrary file entered through the keyboard. As a result of the development of the quality of data transmission on the basis of a modern system, voice communication technologies are becoming more and more improved. As a result, the online communication system began to develop rapidly. Audio and video conferences are conducted over the Internet with the help of software and special equipment. Today, automated search tools are widely used in information and communication networks, and with the help of these networks, it is possible to provide users with a quick search service, along with collecting information about the information resources of the global computer network. The directions of introduction of modern information technologies into the process of pedagogical education can be defined as follows:

- introduction of information technology tools into the learning process;

- increase the level of use of information and communication technologies for all participants of pedagogical education processes;

- systematic integration of informatization of educational, research and management processes;

- creation and development of a unified information-educational environment of pedagogical education.

The process of informatization of education requires the training of pedagogues on the first information technologies. Computer classes are usually staffed by computer science students, but students from other disciplines do not always take advantage of this

opportunity. Computer literate pedagogues have a wide range of opportunities. For example, a pedagogue who can use information technologies can organize his lectures as a demonstration based on multimedia tools.

Students acquire skills and competence in computer work in informatics classes, and professional knowledge is acquired in specialized subjects. In pedagogical activity, it is important to use the acquired knowledge taking into account the issues of inter disciplinarity. In order to improve the training of qualified pedagogues who teach on the basis of modern information technologies, it is appropriate to include special courses related to information technologies in the curriculum of higher pedagogical educational institutions. In these courses, it is necessary to provide knowledge on the introduction of information technologies to the study of sciences. In addition, it is necessary to revise the "methodology of science teaching" science teaching programs taught in the higher courses of higher education institutions and to include topics related to the introduction of modern information technologies in teaching this subject. In order to ensure the quality of training of pedagogic personnel, the modern information society imposes requirements related to the ability of pedagogic personnel to use Internet information resources, to introduce the possibilities of information and communication technologies in the process of acquiring independent knowledge. The effective course of any process, the successful organization of activities are among the factors affecting it. In order to organize the independent work of students aimed at acquiring the necessary competencies during the period of conducting the research, it is appropriate for the teachers to create problem assignments, projects, solve professional issues, as well as create a portfolio. Various tools can be used to effectively organize independent education in the information-educational environment. Including e-courses, e-learning systems, video lectures, webinars, e-tests and others. In addition to these tools, there are also modern and compact mobile technologies. Currently, as the capabilities of mobile devices are becoming more and more developed, their widespread use as an educational tool is taking the main place in traditional and non-traditional education. One of the modern methods of education is education based on mobile technology, which is developing day by day.

According to the direction of information technology in education, the process of pedagogue personnel training should be considered as a direction aimed at developing the methodology and content of pedagogue personnel training who can organize informatization in educational institutions, who can use information and communication technologies in their professional activities, and who will operate in an information society. Also, correct understanding of the meaning of the terms widely used in the process of introducing information technologies, and their effective use serve to ensure the principle of scientificity in education. The training of pedagogic personnel on the informatization of education should be differentiated from the point of view of the science teacher who makes up the educational process. As a result of the analysis of the theory of introduction of modern information and communication technologies to pedagogical education processes, the creation of a comprehensive pedagogical system of informatization of pedagogical personnel training and their qualification improvement processes is based as a necessary condition for improving professional activity. The introduction of modern information technologies into the field of education, educational methods and teaching allows to qualitatively facilitate and change the forms of organization based on a new and creative approach to the process. Information and communication technologies are the most important part of the process of modernization of the educational system. On the one hand, it is possible to increase efficiency in the educational process through the use of information and communication technologies, on the other hand, through technologies aimed at developing a creative personality. Among other areas, the introduction of advanced information and pedagogical technologies in the field of preschool education and the development of ICT competence of teachers, it is important to improve the knowledge and skills of the employees of the preschool education system in the field of innovative information-communication and pedagogical technologies.The relevance of the use of software products in the educational process in the training of future educators for preschool educational institutions is that the role of software products in the education of preschool children in the current globalization era is invaluable. A modern educator not only gives the child basic knowledge, but also makes him independent should be directed to mastering. The use of software products as the main tool for this is the need of the hour. Educators must make great efforts to develop cognitive interest in children. The greatest achievement of digital technologies is the ability to dramatically increase economic efficiency by saving

organizational and financial costs. Nowadays, digital technologies are widely used in various fields and industries. One of the most relevant areas for our country is agriculture. At present, great positive changes are taking place in this field. At present, proposals for the establishment of a geo-information center for the reception and processing of space images taken by remote sensing satellites of foreign companies are being studied. This project covers the transfer of geo information technologies and the training of local experts at the international level. As a result, geodesy, cartography and cadastral lines, as well as the prevention of illegal constructions, are ensured through the reception and processing of space photographs. He has the task of making the lesson interesting and rich, which encourages children to learn actively. Research on the subject has shown that an appropriate use of information technology develop skills such as language development and literacy, written language, mathematical concepts, cognitive abilities, stimulate imagination and creativity, develop collaboration, fine motor skills, among other areas. The internet and e-mail have also been referenced by many authors as valuable communication tools and information production. These are often written by early childhood education practitioners, and provide recommendations, suggestions, or guidelines for other practitioners based on what the authors have learned in their own centers. That is, the material offered by the educator during the training should contain elements of extraordinary, surprising, unexpected information, which arouse the interest of preschool children in the learning process and help create a positive emotional environment. In the process of informatization, it is becoming one of the priority tasks to adequately equip the preparatory group rooms in the preschool educational organization, to solve the issues of adaptation for multimedia equipment, and to increase the ICT literacy of the pedagogical staff working in the preschool educational organization.

There is a mismatch between the current level of science, technology and technological development in the higher education system and the process of improving the quality of professional training of future students, and the problem of wide-scale introduction of modern information technologies is becoming more urgent in order to eliminate it. The use of software products not only helps to organize the educational process, but also helps to develop children's mental abilities in independent game activities. In fact, the organization of education through animated, sound, moving elements at the same time awakens the child's

thinking and serves to keep the received information in his memory for a long time. Information and communication technology (ICT) is often used as a synonym for information technology (IT), although ICT is a general term that includes the role of integrated technologies and telecommunications (telephone networks and wireless connections), computers, software, storage and audiovisual emphasizes the integration of systems and allows users to create, access, store, transfer and modify data. Informatization is one of the main directions of the modern scientific and technological revolution, based on it, the transition from the industrial stage of society's development to information. It is a process of reconstruction of the life of society through the use of reliable, comprehensive and timely information in all types of socially important activities. However, it should be remembered that information and communication technologies, despite their great positive potential, cannot replace and change the live communication of the educator with the child. Creating an electronic information educational environment of an educational institution is not a purely technical issue, but for this it is necessary to direct the scientific-methodical, organizational and pedagogical capabilities of the institution based on a systematic approach. Based on this, the concept of "electronic information-educational environment" can be defined as a set of software, information-technical, educational-methodical systems that provide a specific learning process.

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