

USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES IN THE TRAINING OF PHYSICAL EDUCATION TEACHERS

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ABSTRACT

This article describes the results of the analysis of the situation of the use of information and communication technologies in the training of personnel in the field of physical education and sports in higher educational institutions, the effectiveness of professional aspects, and the improvement of the system of professional training.

Keywords: sports, information and communication technologies, students, physical culture, physical education teachers, science, professional training.

INTRODUCTION

In our country's comprehensive development action strategy, the issue of training mature specialists in physical education and sports, as well as in all areas, is envisaged. This means that physical training and sports are important for social and educational purposes in preparing the young generation for life, marriage, and profession. Regarding these issues and problems, first of all, the professional training of personnel depends on their correct attitude to the significant changes taking place in society.

In our country, great attention is being paid today to the reforms aimed at the fundamental reform of the education system and the training of modern mature personnel. [1]

Pedagogical software tools designed for teaching various subjects in our country and in the world, in particular, electronic textbooks, electronic manuals, automated training programs, simulators, electronic information and educational resources have been created and they are widely used in the educational system today. is being used. It should be recognized that in the field of physical education and sports, the scientific researches, e-books, training manuals of specialists in the application of information and communication technologies and their effective use are being used purposefully and effectively in our country as examples and sources. [2]

Today, information and communication technologies are widely used as a convenient means of mutual information exchange in human society in almost all fields.

Currently, the process of creating electronic programs for information and communication technologies in the educational sectors of our republic is slowing down. Also:

- the processes of creating electronic programs and electronic textbooks in science (creating electronic versions of lectures, practical, experimental and other activities; preparing graphics, drawings, animations and video materials; videos) take a lot of time;

- due to the lack of high-level ICT programming skills of pedagogues, they have to work in cooperation with system programmers in creating special electronic programs and electronic textbooks;

- it is evident that the software and technical support for the preparation of electronic programs is insufficient. [4]

Thus, today, in higher educational institutions, it is necessary to carry out scientific and research work related to the improvement of the process of training specialists and the implementation of the requirements of the state educational standards set for their professional training, including the creation of special electronic programs, future physical education Forms, methods and means of effectively organizing the educational process of teachers related to professional activities, applying new information and communication technologies to the educational process, educational and methodological methods for improving the professional knowledge skills of future specialists from specialized subjects. the inadequacy of work such as creating supplies determines the urgency of our work. [4] this study is to study and analyze the use of modern information and communication technologies and software, including electronic programs, which are the most common and convenient in the educational processes of the students of the correspondence course of physical culture of higher educational institutions in our country. we did On this basis:

1. To study the levels of use of information and communication technologies in the training of personnel in the field of external education in the field of physical culture, to study the relationship between the use of innovative technologies in the educational process, to analyze scientifically and pedagogically;

2. Studying the opinions of future physical culture teachers about the ease of obtaining information from professional subjects and studying the subjects of their specialty, based on today's requirements, through a questionnaire, such as tasks are set.

In the second chapter of the second section of the "5112000-Physical culture bachelor's degree qualification requirements" approved by the Ministry of Higher and Secondary Special Education of the Republic of Uzbekistan on 25.08.2018 No. 744 qualification requirements are set for the departments under the professional activities of bachelors in the field.

- pedagogical activity
- scientific research activity
- spiritual - educational activity
- organizational - management activity

In almost all of these departments, it is determined to have competitive general professional training, to be able to rationally choose modern pedagogical and information communication technologies in the processes of globalization, to have the ability to ensure the compatibility of methods and technologies with the national mentality based on a creative approach. Based on this, we have studied the tools and methods that are convenient for acquiring professional knowledge from the future specialists who are studying in the higher courses of physical culture education at Jizzakh State Pedagogical University, Chirchik State Pedagogical University and Karshi State University through a questionnaire.

In the course of our studies, it became clear that 24.7% of students of Jizzakh State Pedagogical University, 27.2% of students of Chirchik State Pedagogical University, 29.5% of

students of Karshi State University receive information about their fields and while using the information-resource center to improve their knowledge of subjects.

(See Figure 1).

%

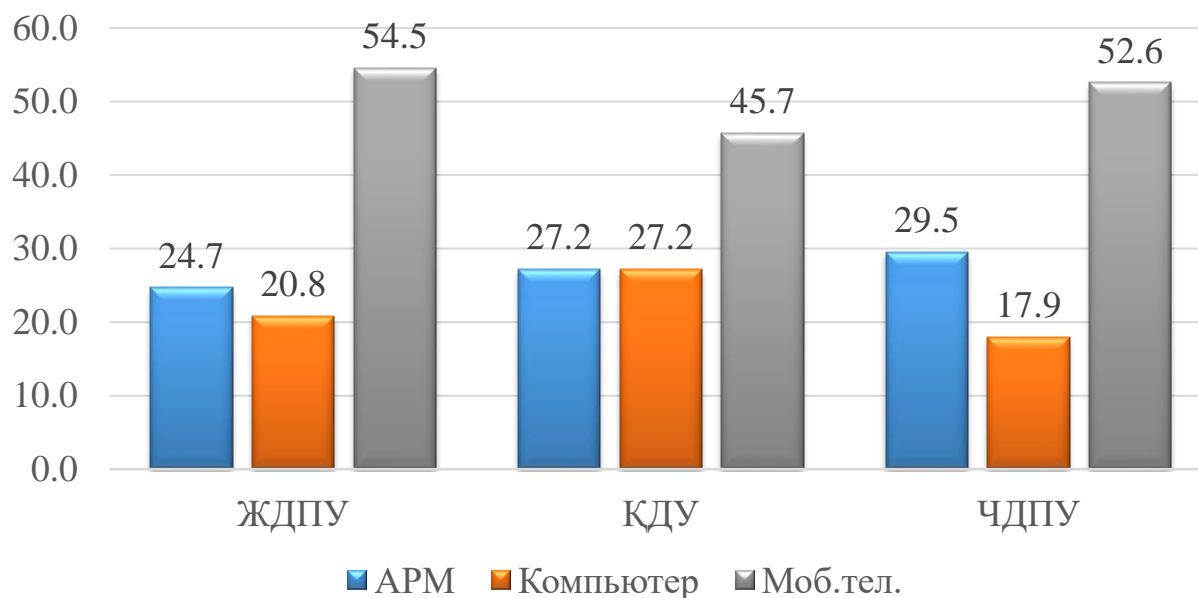


Figure 1. Means used by future specialists to obtain information on physical culture and sports and master the subjects of this specialty (%)

Note: JDPU - Jizzakh State Pedagogical University, QDU - Karshi State University, ChDPU - Chirchik State Pedagogical University, ARM-information-resource center, ICT and Mob.tel.- mobile phone.

Among the respondents, 20.8% of JDPU, 27.2% of QSU, and 17.9% of ChDPU students reported that they use a personal computer. The rapid development of information and communication technologies is also leading to great changes in this field. Mobile phones were previously used only as a means of communication, but now smartphones with various operating systems perform almost all the tasks that a computer does. Therefore, among the respondents, 54.5% of JDPU, 45.7% of QSU, and 52.6% of ChDPU students prefer to work through mobile phones.

We found out which of the participants of the survey use a personal computer or a mobile phone more when using the Internet (see Figure 2).

Of the respondents, 9.1% of students of JDPU, 11.1% of QSU, 21.8% of ChDPU students reported that they use the Internet system through a personal computer. From the information received from the respondents, it became clear that 90.9% of JDPU, 88.9% of QSU, and 78.2% of ChDPU students prefer to work through mobile phones.

%

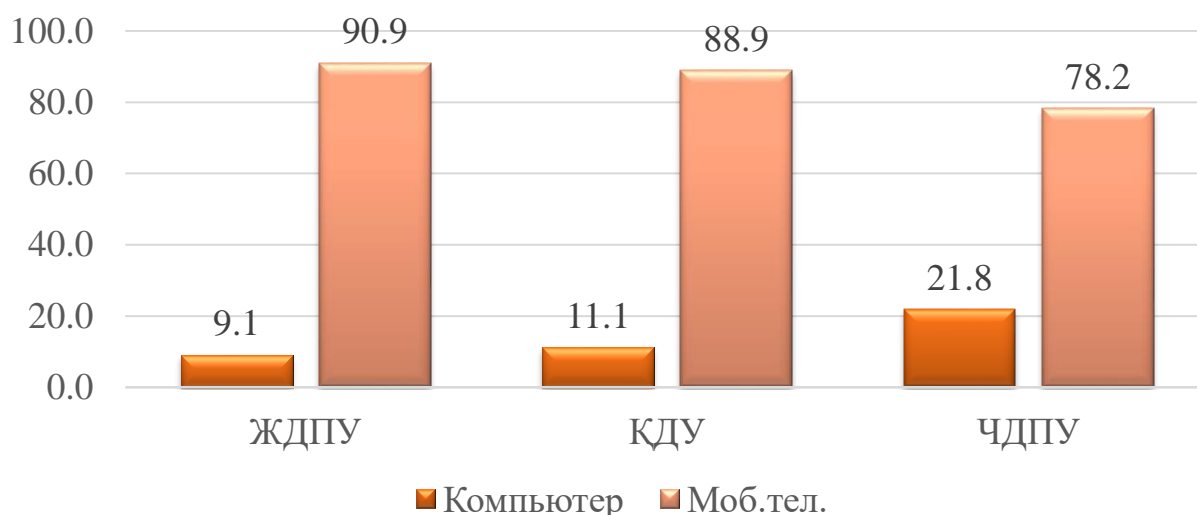


Figure 2. Tools used by future professionals to work in the Internet system (%)

Note: JZPU - Jizzakh State Pedagogical University, QDU - Karshi State University, ChDPU - Chirchik State University, ICT and Mob.tel - mobile phone.

Based on the results of the questionnaire and interviews conducted in the process of our research, we analyzed the readiness of part-time students for educational processes based on the wide use of information and communication technologies (see Figure 3).

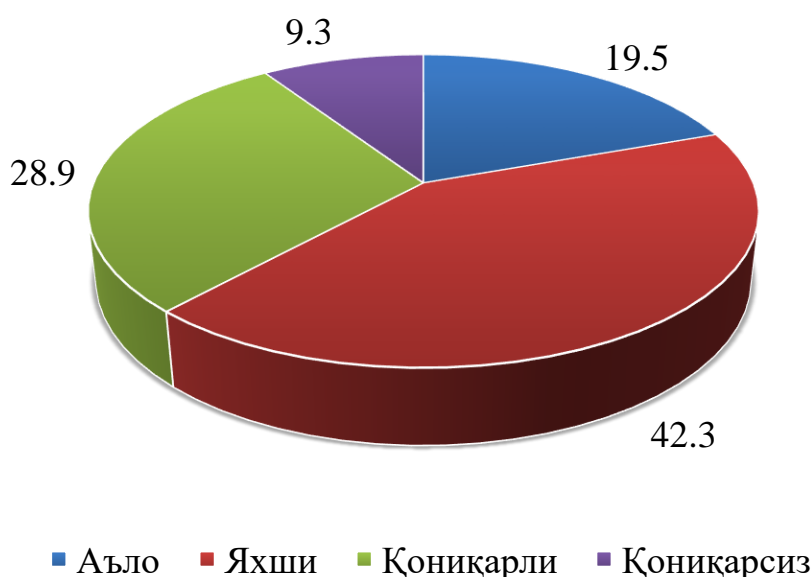


Figure 3. Indicators of readiness of part-time students of JZPU for ICT-based education (%)

CONCLUSION

The results of the survey showed that the number of senior students who are not ready for educational processes based on the wide use of information and communication technologies is more, which is probably the case in the process of studying at school and computer science at the university. shows that the initial literacy obtained in his classes is low.

It is worth noting that the high percentage difference between the students of the lower course is also related to the wide penetration of scientific and technical processes in all social

universities of our country. If we pay attention to the numbers, 19.5% of students were considered excellent, 42.3% good, 28.9% satisfactory, 9.3% unsatisfactory.

Interesting, result-based, correct and accurate development of software tools created on the basis of information and communication technologies, based on modern requirements, affects the effectiveness of training and the independent improvement of knowledge, professional qualifications and skills of future specialists. possible There are many aspects of implementing the idea of using software tools created on the basis of information and communication technologies in providing knowledge to students. Our goal is to create a solid base for improving the quality of the modern educational process by analyzing all the advantages and disadvantages, and on this basis, to increase the effectiveness of education.

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