# THE IMPORTANCE OF ELECTRONIC LEARNING RESOURCES IN TEACHING THE SCIENCE OF "INFORMATION AND DIGITAL TECHNOLOGIES"

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## Abstract
The article discusses the e-learning resources used in providing quality education to students.
## Keywords
Information, informatization, education informatization, educational resources, ICT.

## Enter

Today is described as the age of technology, the age of thinking, the age of general information, the age of high technologies, the age of globalization. Information is the main factor affecting the formation of human thinking and thinking ability. Therefore, the development of the modern civilized society in the present period is characterized by the process of informatization.

Informatization is an organizational, socio-economic and scientific-technical process of creating conditions using information resources, information technologies and information systems to meet the information needs of legal entities and individuals.

Informatization of education is a process aimed at the implementation of the psychological and pedagogical goals of the educational process on the basis of methodologically and practically providing the educational field with modern information and communication technologies and technical means and their effective use.

Informatization of education develops only on the basis of modern information and communication technologies as a process of intellectualization of the activity of the teacher and student. Concepts such as "Information economy", "Electronic government", "Electronic management", "Distance education", "Open education", "Electronic education" have entered our lives. It is known that e-learning resources play an important role not only in "Electronic education", "Open education", "Distance education", but also in the organization of traditional education based on the requirements of the times. . "Educational resource" means a source of educational materials in various forms and forms that are used for learning during the educational process. In other words, an educational resource is a source of information used in the educational process. Based on the above, we can divide educational resources into the following groups:

1. Traditional publication materials, including text, images, diagrams and tables.

2. Traditional audio and video materials: musical and speech materials, video clips, presentation films.

3. Modern (digital) electronic resources: files recorded on various information carriers, digital electronic materials made possible to hear and see with the help of modern electronic means or computers.

4. Special programs for studying, independent learning and checking the acquired knowledge: programs, programs that highlight the educational content and are oriented towards interaction with the student and are designed to solve certain pedagogical tasks set or systems.

### Research methodology

Observation and analysis methods were used in the research. The empirical source of the research

was based on the results of the observation and analysis, as well as the conclusions of the survey and the results of the questionnaire organized among students with the help of social networks, i.e. Telegram channels.

In the course of the world education system, raising the intellectual development of the young generation to a qualitatively new level, introducing innovative forms and methods of education into the educational process occupies an important place in the development of society. In the current conditions in which science and technology are developing at a rapid pace, the demand and need for the development of industrial sectors, training of competitive personnel, and creative specialists in the world is becoming stronger.

In this era, "Informatics and digital technologies" and a number of effective equipment related to it are becoming an integral part of our life. Therefore, the future teacher must have sufficient knowledge and skills to work with new information technologies. In particular, to know about the availability of publicly available information sources and to be able to use them - to understand, change and offer to present information in verbal, graphic and digital forms; to be able to evaluate and process information at different levels and in different formats; be able to use analysis techniques; they should be able to use and create databases and information services to solve the specified tasks, including on the basis of educational programs and technologies.

In order to convey the possibilities of new information technologies to the young generation, today it puts appropriate demands on pedagogues.

Another goal of computer technologies in the educational process is to increase the content and visibility of information in each educational session. During the training process, the future specialist should form his base of information and communication technologies: electronic visual aids (illustrations, drawings, diagrams, tables, virtual stands, slides); system of educational tools in the form of didactic assignments; Educational and methodological complex based on software for educational and informational purposes using ICT tools. Using the tools of ICT technologies, the teacher himself can design and create automated training, elective courses, programs, didactic and methodological materials. Authoring program development requires theoretical knowledge about the structure, content and technology of curriculum creation.

The teacher's work in teaching and educating the young generation is a very versatile activity, which cannot be done without deep knowledge and creative initiative, which the future teacher must understand. Successful mastering of educational material, formation of ideas on the use of computer technologies, development of skills of working in various practical programs, navigation on the Internet and information in the form of hypertext and OOOC allows to increase the computer literacy of students.

The ability to develop electronic educational resources can be considered the highest level of development of skills for working with information and communication technologies. However, it is impossible to implement this process without forming the main elements of the powers that we mentioned above.

**Analyzes and results**

Based on the results of observation and analysis, the conclusions were as follows.

1. The analysis of observations shows that the higher the level of informatization and computerization in higher education, the more future pedagogues will have the ability to effectively use these tools in their future professional activities, not only theoretically, but also practical knowledge, skills and serves the development of skills.

2. The results of the analysis show that the effective use of electronic learning resources in the educational process of higher education is considered an important factor in the development of information and communication professional competence of future teachers, and in the future they will be highly qualified in the field of informatics and information technologies (IT). is considered a necessary aspect in teacher training.

3. The analysis of observations shows that the effective use of digital technologies in the higher education process is very important in the development of ICT competence of future specialists, because it is the most important and urgent issue of developing the professional competence of a future teacher.

**Summary**. In conclusion, we can say that all these skills are formed in students to a certain extent

during the study of subjects such as "Informatics and digital technologies", because some types of independent work (preparation of multimedia presentations, creation of student databases, etc.) lajak requires specific skills determined by the teacher's ICT competence.

Thus, the student's independent use of electronic educational resources in the process of training a future teacher leads to effective results in mastering this subject.

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