Use Of Digital Technologies In The Process Of Higher Education As A Trend To Transform Students' Knowledge

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Annotation: In the age of information and communication of the 21st century, the sharp increase in the volume of information places special demands on the quality of the information transmitted to the students, along with the perception of the educational material. From this point of view, the improvement of learning information technologies in the transformation of students' knowledge is one of the issues that require special attention. In the article, the author emphasized the trends in the use of digital technologies in the process of higher education.
Key words: Digital technologies, innovation, pedagogical creativity, IT education pedagogical technologies

The processes of globalization among countries caused rapid development of the Internet, personal digital devices and fast data transfer technologies, which led to drastic changes in the field of world education. The place of the world education system in the ranking of the global innovation index calls for the development of the transfer of science, invention and technologies, the wide application of digital technologies in the educational process, and the formation of professional competencies of students, the development of independent and creative thinking. Particular attention is paid to studying the issues of organizing education with the help of these IT educational technologies, and the interest in studying the issues of effective organization of education based on various information and communication educational technologies is growing in the basis of scientific research.

In the information and communication age of the 21st century, the sharp increase in the amount of information places special demands on the quality of the information transmitted to the students, along with the perception of the educational material. From this point of view, the improvement of learning information technologies in the transformation of students' knowledge is one of the issues that require special attention.

Digital technologies provide an opportunity to effectively organize educational activities, to meet important life achievements of young people, to scientifically substantiate their views, and to provide effective results in education. From this point of view, the issues of organizing modern auditorium and non-auditory classes with the help of information technologies are of special relevance.

Studying the pedagogical conditions for the use of digital technologies in the transformation of students' knowledge, its research and improvement are among the urgent issues.

Article 11 of the Law on Education of the Republic of Uzbekistan, adopted on September 23, 2020, on higher education: "Training of highly educated personnel in higher education organizations (universities, academies, institutes, higher schools) will be implemented and higher education will ensure the training of highly qualified personnel in bachelor's and master's majors.

Therefore, improving the system of training future personnel in the educational transfer of our country, increasing the effectiveness of the continuous education system of the state-education-education-society form using modern pedagogical and digital technologies, the exchange

between e-Governance institutions it is necessary to create a foundation for the creation of mutual relations, special attention is paid to the training of mature specialists by introducing advanced methods of teaching. There are still some conflicting aspects in the improvement of pedagogical conditions for the use of digital technologies in the transformation of student knowledge:

- firstly, the emergence of the need to update the approaches to teaching in the transformation of the knowledge of students of currently operating HEIs;
- the increased need for competency-based approaches to improving the student's level of knowledge;
- the outdated material and technical base in unsatisfactory pedagogical conditions, the lack of competent specialists;
- the need to improve the teaching practice, the increase in the demand for the social order of the society for the situation of practical use in the professional activity of the future specialist;
- the lack of software for teaching services in higher education using web services, podcasting, screencasting, streaming and augmented reality technologies, as well as mobile applications and alternatives;
- the practical part of the knowledge, skills, qualifications and competencies of the graduates of the higher education organization in the organizations where the learners will work in the future, i.e. dual education is not fully implemented, etc.

When the above-mentioned conflicting issues are resolved, the possibility of a new prospective goal of social improvement - democratization and renewal of society, modernization and reform of the country will expand. In addition, a very important socio-political direction - youth education, a combination of goals, which should be implemented, its reconstruction, integration into the world education system, its content into the national independent culture. It is expressed in the concepts of continuation, democratization, renewal, modernization and liberalization based on the foundation and national interests, as well as providing the educational process with digital technologies and enriching it with innovative pedagogical technologies.

Knowledge transformation is changing knowledge in a new way to create know-how information; the process of transferring the knowledge that a person knows, keeps in his memory, and collects to other people on the basis of experience and skill, that is, the transfer of knowledge to others through the social aspects of formalized and informal knowledge. In the transformation of knowledge, knowledge refers to a social process that occurs between individuals.

Retelling tasks, design tasks, creative product tasks, consensus building tasks, persuasion tasks), self-knowledge tasks, compilation tasks, analytical tasks, judgment tasks, and solving scientific problems (scientific tasks) has a great effect.

As the use of digital technologies in the transformation of students' knowledge is being researched as a socio-pedagogical problem, in this regard, the President of the Republic of Uzbekistan said in his Address to the Oliy Majlis: "If we do not move to the digital economy, we are falling behind. We need to develop a national concept of the Digital Economy, which envisages updating all sectors of the economy based on digital technologies. On this basis, we need to implement the "Digital Uzbekistan - 2030" program. In fact, it is more important than ever to acquire digital skills and modern information technology to achieve progress. After all, information technology is deeply penetrating all areas of the world, including education. Digital technologies not only increase the quality of products and services, but also reduce

excess costs. Therefore, it is necessary to increase efficiency and dramatically improve people's lives through the widespread introduction of digital technologies in state and community management, and in the social sphere as well.

Thus, the use of digital technologies in the transformation of student knowledge is a socio-pedagogical problem, through which:

1. There will be an opportunity for professors and teachers to develop their competencies in information technology, advanced foreign experiences in this field and use them in practice;

2. It serves to develop students' creative abilities, to create an opportunity to activate learning and to increase their future professional competence; 3. With the help of digital technologies, it is possible to effectively organize the educational process, organize and implement online and offline seminar-trainings, special training courses during the training process;

4. It serves to develop proposals by studying the competences of students oriented to the future specialty on the basis of information and communication technologies and introducing it.

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