

THE IMPLEMENTATION OF INNOVATION AND DIGITAL TECHNOLOGIES IN THE INFORMATION LEARNING ENVIRONMENT TODAY

Botirov Muzaffarjon Mansurovich
Teacher of the Department of Informatics,
Faculty of Physics and Mathematics of QDPI

Annotation

Today in the day in our country higher education reforms state policy level rose . In accordance with this policy, increase the number of students and increase the number of higher education institutions, improve the quality of education, effectively apply quality management methods in education based on the world standards of effective management of higher education institutions in our country; improving the quality of the education system based on the use of innovations in the conditions of modern globalization.

Keywords: modern globalization, Internet network, Digital economy, pedagogical technology
Today, higher education reforms in our country have risen to the level of state policy. In accordance with this policy, increase the number of students and increase the number of higher education institutions, improve the quality of education, effectively apply quality management methods in education based on the world standards of effective management of higher education institutions in our country; to improve the quality of the education system and develop effective innovative strategies of higher education institutions in the training of personnel based on the application of innovations in the conditions of modern globalization; strengthening of connections between science, education and production; to enable students to use the Internet and electronic literature more; Today's conference deals with the wide introduction of advanced foreign experience, ensuring that professors working in higher education institutions conduct modern classes using the global Internet network, multimedia systems, and distance learning methods. The current level of development of the society is the gradual transition of distance education and higher education to the credit-module system, which is capable of forming in students the ability to plan the future and a sense of responsibility for it, confidence in themselves and their professional abilities. The progress of reforms in the socio-economic and political fronts in our country requires a fundamental reform of the education system. Because the development of each field is determined by the knowledge, thinking and skills of experts in that field, how well they mastered the development trends of this direction in the world. Taking into account that the main task of higher education institutions of our country is to prepare mature specialists with such skills and modern worldview, in the conditions of today's digital economy, the task of wide introduction of innovative education and digital technologies in the higher education system is being promoted. For this, it is necessary to effectively use the relevant innovative technologies of the digital economy, to establish direct online communication between professors and students, and to involve students in independent education. It is worth noting that the Decision of the President of the Republic of Uzbekistan dated April 28, 2020 "On measures for the wide introduction of digital economy and electronic government " No. PQ-4699

was adopted. One of the main tasks of the further development of the digital economy and electronic government is the widespread introduction of digital technologies at all stages of the education system and the improvement of the level of digital knowledge necessary for the modern economy, the improvement of the educational infrastructure, as well as the implementation of the "Five Initiatives" project of our republic by 2022. is to open training centers based on digital knowledge in all regions. It is necessary to create a national pedagogical technology of Uzbekistan based on the national pedagogical traditions of our people and the current state of the education sector, studying the innovative technologies that are successfully used in enlightened and developed countries. Scientists and practitioners of our republic working in the field of pedagogy are striving to create and implement educational technologies that are scientifically based and adapted to the socio-pedagogical conditions of Uzbekistan.

Innovation is an important part of practice and theory, and it is a system of action of social subjects aimed at improving the qualities of a sociocultural object. Innovations are relevant, important, new approaches formed in a system. They are born on the basis of initiatives and innovations, which are promising for the development of educational content. It also has a positive effect on the development of the education system as a whole. Today, the new technologies of the digital economy greatly help the further development of distance education. Virtual and augmented reality, visually oriented distance learning technologies serve to provide students with quality education in accordance with today's requirements. That is, the distance education system allows to attract more interest of students to the lesson through the use of virtual and augmented reality and visually oriented digital technologies. In the last 15 years, the introduction of the latest generations of mobile devices into our lives, using them to quickly monitor events and events happening in the world through the Internet, and quickly receive all kinds of materials (video, audio, text, 3D, 5D, 7D graphics), storage and transmission capabilities emerged and led to the emergence of digital technologies. The emergence of digital technologies is replacing traditional teaching methods every day.

Due to how rapidly audiences are changing, it is appropriate to forget the old methods and introduce new teaching methods based on digital technologies. Organization of distance learning using digital technologies involves the use of simple tablets, sophisticated programs and digital equipment instead of paper and notebooks. Therefore, first of all, in order to effectively organize distance education, in the conditions of today's rapidly developing digital economy, we must improve the Internet infrastructure and, in the words of the President of our country: "To achieve progress, it is necessary and necessary to acquire digital knowledge and modern information technologies. This gives us the opportunity to take the shortest path to ascension. After all, information technologies are deeply penetrating all areas of the world today. Digital learning means taking a step forward. In fact, today social networks and communication platforms are used to create and manage digital tasks and agendas. No matter how many technologies are used in the classroom, distance learning platforms created through digital technologies play a crucial role. This increases students' interest in learning and broadens their worldview. Digital learning in distance education is a step forward from traditional teaching methods and opens the door to a number of possibilities. First, digital teaching tools and

technologies in distance education allow students to independently form independent work skills, conduct video lectures using built-in lectures, interactive assignments and other modern educational technologies, prepare short multimedia videos for questions, chat, mail, forum or audio/video communication. allows easy access to professors and teachers. Second, they will be able to quickly identify what they need to learn, find and use Internet resources, quickly identify problems, and even evaluate feedback. Third, it provides better context than traditional teaching methods, independent problem-solving and perspective-taking, critical thinking skills that are the basis for developing analytical thinking, and developing thinking skills by asking open-ended questions. Fourth, the fundamental reform of the higher education system will allow the introduction of blockchain technologies, which are the basis of the digital economy development strategy. Because blockchain technologies open up new opportunities for the development of integration between education, science and industry for the training of innovative personnel. This prevents plagiarism, copyright protection, the worst evil - corruption, and results in the formation of innovative products by students in the process of theory and practice. Fifth, today's consumers are actively using digital technologies to order food products.

Also, various online stores and electronic payment systems are actively developing. Our entrepreneurs are implementing electronic transactions with the help of digital technologies. But until now, users are making small transactions that do not require large costs, and are not very ready to increase the volume of purchases and sales. Now the issue will be the development of medium and large economic transactions and financial transactions through digital technologies. In conclusion, it should be said that in the conditions of today's rapidly developing digital economy, the introduction of distance education using innovative and digital technologies in all areas of the economy, including the education sector, will not only reduce excessive spending, but also make Uzbekistan a modern worldview and knowledgeable, independent thinker. They help to form mature personnel who will contribute to raising the republic to higher levels in the future.

References

1. Alekseev I.V. Information support for the management system of franchise enterprises / I.V. Alekseev, E.V. Ribokene // Economics and humanities. – 2015. – No. 1 (276). – P. 105–110.
2. Brian A. Second Economy [Electronic resource]. – Access mode: <http://www.obs.ru/article/1887/>.
3. Taylakov, N.I., & Anarbaeva, F.U. (2020). Pedagogical Features Of Moodle Platform. The American Journal of Applied Sciences, 2(07), 104-107.
4. Shavkatovich M. M. Issues in Accounting Systems Design to Report Innovation in Organizations //International Journal of Progressive Sciences and Technologies. – 2021. – T. 24. – №. 2. – C. 68-72.
5. Samatov, S. M., & Saidullaev, A. (2020). On some properties of the eigenvalue of the two-particle discrete Schrödinger operator. In Modern stochastic models and problems of actuarial mathematics (pp. 114-115).
6. Saidullaev, A. Zh. (2021). Bound state of the Hamiltonian of a system of two arbitrary particles on a lattice. Economy and Society, (3-2), 301-309.
7. Kulzhanov, U. N., Saidullaev, A. Z., & Eshmukhamedov, A. E. (2021). NUMERICAL CHARACTERISTICS OF A RANDOM VARIABLE. Problems of modern science and education, (4 (161)), 7-9.