

THE MECHANISM OF INTEGRATION OF THE EDUCATIONAL SYSTEM

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Abstract:

The article considers the prospects for the development of the educational process, analyzes the optimal shells of distance learning (DL) , including a complex of distance technologies used both in full-time education as an auxiliary tool. The main vector of modernization of education is the development and implementation of an effective mechanism of the open education system. The need for open education is also explained by the accelerating process of obsolescence of knowledge and the requirements of modern development of civil society. However, many issues of the development of the open education system remain not fully developed and poorly researched. The solution of these issues is just one of the main tasks of this study. The purpose of the article: to study the direction of education in the process of its development: the fundamentalization of education through the integration of science and education; the interdisciplinarity of education; the permanence of the education process on the basis of self-development; the creative nature of learning; informatization of education; increasing the level of educational potential of the education system.

Keywords: integrated approach, training, distance education, distance learning systems, educational process.

The degree of education of a person in the modern world is the higher, the wider the scope of activity and the higher the degree of uncertainty of situations in which he can act independently, the wider the range of possible ways of activity he owns. This is what determines the modern developed education system that can provide the required level of education. We classify the parameters that the educational system of Uzbekistan should and can have: the inter disciplinarily of training is able to expand the scope of the possibility of applying the knowledge obtained as a result of education; powerful fundamental knowledge; training a person to continue to act as correctly as possible in a situation of uncertainty, the development of nonlinear thinking of the student; to educate and encourage in every possible way the student's ability to act independently, thereby provoking the student's self-development,



constant self-education; the creative nature of training, aimed, in a particular case, at learning to make independent choices; training to find and filter information; to educate people who have the ability to take responsibility. Drawing conclusions based on all the above information, it is possible to formulate much more broadly the goals to which education should be directed in the process of its development: the fundamentalization of education through the integration of science and education; the inter disciplinarily of education; the permanence of the education process based on self-development; the creative nature of learning; informatization of education; increasing the level of educational potential of the education system.

The problems and prospects for the development of education in Uzbekistan and in the world are based on the transition to advanced education and is defined as a factor associated with the innovative path of development. Already today, there is an urgent need for trained specialists, which may soon be required. The standard of general education should include new educational goals, new educational content, new teaching tools, new teaching technologies, new requirements for teacher training, new goal-setting for teachers and students. The analysis of research on the trends in the development of learning shows that distance learning is the optimal tool for the future of the learning system, but despite the fact that distance learning has firmly entered our life, it has found practical application mostly in higher education institutions. Distance learning allows you to organize the educational process in an individual learning trajectory, which in this case will be understood as a personally significant way of mastering the educational program, where the content and structure of the path is determined taking into account the educational needs and cognitive independence of the student. This statement determines the need for the introduction and active use of software that allows for the integrated application of distance technologies in the general education process in order to improve the quality of knowledge acquisition and motivation of students. Thus, we are faced with the task: to identify the most optimal shell of distance learning, including a complex of distance technologies used both in full-time training as an auxiliary tool, and in pre-school education for the purpose of the main method of obtaining knowledge.

Depending on the functionality of the systems distance learning (the platform on which the training will be organized), you will receive your own set of tools. With the help of these tools, you can build both online and mixed learning trajectories using distance and full-time forms of education. In the latter case, it will no longer be systems distance learning, but a learning management system. The learning management system will become a single learning platform, an aggregator of



resources and a "map" along which the learning trajectory passes and where all the results of the completed training events are recorded. If you look even further and connect personnel assessment, competence management, adaptation, goal setting, and personnel reserve management to training, then this will no longer be systems distance learning, but talent management system. For the proper use of these tools, it is important to rely on the methodology: understanding what electronic content is and how it is developed. Only after you have this understanding, you can proceed to choosing a tool for development. In addition, the developers of the distance learning system need to pay special attention to the design of the learning experience (learning experience design). Experts note that SDS built around the student's experience, rather than around the content, have a better chance of survival. Convenient search. Another important criterion for the quality of distance learning system in the future, experts called the search function — after all, the results of their work will depend on how quickly employees will be able to find the necessary information in the training system. The amount of content is constantly growing, and as distance learning system will go beyond the courses and transform into learning ecosystems, it will become even more difficult to search for information.

During the formation of civil society in Uzbekistan there have been significant socio-economic and cultural transformations that require highly qualified personnel. In the new stage of development "the main objectives of the Strategy to achieve the main objective is the accession of the Republic of Uzbekistan by 2030, the 50 leading countries on the Global innovation index, improved quality and coverage of education at all levels, development of system of continuous formation, flexibility of system of training based on the needs of the economy, strengthening the scientific potential and efficiency of scientific research and development, creation of effective mechanisms of integration of education, science and entrepreneurship for the wide implementation of the results of research, development and technological works". (Decree Of The President Of The Republic Of Uzbekistan. About the approval of strategy of innovative development of the Republic of Uzbekistan for 2019-2021. <https://mfa.uz/ru/press/library/2018/09/16135>, 2018). The analysis shows that the current state of higher education in Uzbekistan does not meet the requirements for the training of competitive personnel.

First of all, this was due to the fact that the training system did not take into account the changes related to the process of deepening the market economy. Given the ongoing profound changes in society, the state has set the higher education system a difficult task – to reach the international level and meet the challenges of



globalization. In the period of development of civil society, it becomes important to provide decent higher education to graduates of secondary schools, academic lyceums and professional colleges. Higher education of the country is designed to train highly qualified personnel with subsequent employment in various spheres of social and economic activity, as well as administrative service areas, scientific, economic, technical and so on. The system of modern higher education is responsible for the skills and special knowledge provided for future specialists, orients students to reveal theoretical or practical aspects in the vectors of the chosen profession, taking into account the creative use of the latest achievements of science and technology.

Fascinating content for full immersion in learning: VR, chatbots. Together with distance learning systems, the educational materials themselves will change. Boring instructions and presentations no longer work. Training is not only a mental, but also an emotional process, so it is very important to create educational content that will involve employees in the learning process. In the field of e-learning, there are more and more unusual, interactive educational materials. Another trend in training that is actively gaining popularity is chatbots. Chatbots have long been used in marketing, sales, social networks, CRM systems, but more recently they have been used in the field of eLearning. Training should be tightly integrated into work processes and directly related to key performance indicators [12]. Distance learning systems will continue to be used by educational institutions and companies, but not only for formal training and testing of knowledge, but as a tool for supporting employees in the workplace. The training content will become more diverse and exciting — after all, it is already obvious to most companies that the effectiveness of training directly depends on the degree of employee involvement.

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