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INNOVATIVE METHODS FOR DISTANCE LEARNING

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АННОТАЦИЯ

Данная статья посвящается эффективному использованию инновационных методов в процессе взаимодействия высших учебных заведений. В ней особое внимание уделяется дистанционному обучению с использованием педагогических тренингов и онлайн занятий.

ABSTRACT

This article is devoted to the effective use of innovative methods in the process of interaction between higher education institutions. It focuses on distance learning using pedagogical training and online classes

Ключевые слова: образовательные технологии, образовательный процесс, вебинар, онлайн, онлайн-тренинг, модернизация, образование, кооперация

Key words: educational technologies, educational process, webinar, online, online training, modernization, education, cooperation

All over the world, special attention is paid to higher education. In particular, the President of the Republic of Uzbekistan adopted a number of resolutions that are fundamentally aimed at modernizing training and education at the university. One of the main issues is the quality of education. This question is key, the answer to it will determine the content of education, the quality of curricula, teaching methods, the competitiveness of graduates in the labor market and other components of the quality of education. The President of the Republic of Uzbekistan Sh.M. Mirziyoyev in his report at an expanded meeting of the Cabinet of Ministers dedicated to the results of the country's socio-economic development in 2016 and the most important priority areas of the economic program for 2017

noted: “It is necessary to radically revise curricula and programs these experienced teachers and specialists. We are facing a difficult task of high-quality training and retraining of personnel ”. It will not be an exaggeration to say that 2018 has become a year of fundamental transformations in the higher education system of Uzbekistan. On October 18, 2018, the first Russian-Uzbek educational forum was held. The Forum "New Personnel for a New Economy" was held within the framework of the First Forum of Interregional Cooperation between Russia and Uzbekistan, which was organized with the participation of the President of the Russian Federation V.V. Putin and the President of the Republic of Uzbekistan Sh.M. Mirziyoyev. The purpose of this forum was to significantly strengthen and expand cooperation between the two countries in the field of education and science, contribute to the deepening of interstate interaction in general.

At the present stage, the development of higher education in Uzbekistan, its entry into the international level, the growth of human capital are strategic objectives. And the prosperity of the country in the future, sustainable growth of the economy, science, education, culture and other industries depend on their successful implementation. Close scientific and educational cooperation with the Russian Federation plays a huge role in this process.

As part of the implementation of the tasks assigned to the heads of higher educational institutions of the Republic of Uzbekistan and the Russian Federation, a memorandum was signed in the field of education. The reform of the system of training and retraining of specialists for the pharmaceutical industry as a component of the state health care system is due to global changes in the labor market, progress in world pharmaceutical and medical science, changes in the social, economic, legal and educational space. To prepare specialists of the "highest standard", one needs high scientific potential, rich pedagogical experience of teachers, modern scientific and technical teaching aids. The university has all these components in full. For the effective organization of joint activities, great attention is paid to the selection of forms, methods and means of teaching in order to ensure the effectiveness of the organization of the educational process. In the 2019-2020 academic year, it was planned to hold distance meetings using effective innovative forms of learning in educational practice, such as a webinar, online lectures and seminars, binary courses and blended learning. But 2020 has introduced its own adjustments into our lives. Based on this, the pandemic forced all educational institutions to switch to distance learning. What has it done for higher education? The pandemic has already become a catalyst for rapid change in this area. Educational leaders in various parts of the world almost immediately faced a difficult choice: to try to transfer educational processes to an online

environment or to pause learning, temporarily stopping the activities of institutions.

Taking the first path, countries in most cases face a number of common problems - differences in the availability of communication channels, lack of equipment and software, high cost of telecommunication services.

This article is devoted to the effective use of innovative methods in the process of interaction between higher education institutions. It pays special attention to distance learning using pedagogical trainings and online classes. The effectiveness of the subjects of innovative activity depends not so much on internal organizational capabilities, but also on the institutional environment in which they function, as well as on the degree of their involvement in this environment. Accordingly, the effectiveness of innovation systems is determined by the level of scientific and technical cooperation and the efficiency of the processes of circulation of knowledge flows. At the present stage, the education system speaks a lot about distance learning, about innovative teaching, and the innovative activity of a teacher. The concept of "innovation" is used in relation to a person, a subject of activity. "Innovative person" is a broader category, meaning that every citizen must become adaptive to constant changes: in his own life, in economic development, in the development of science and technology, - an active initiator and producer of these changes. Moreover, each specialist will play his role in the general innovation community in accordance with his inclinations, interests and potential. An innovative society and education is aimed at training and educating an "innovative person". The key competencies of the innovation community should be:

- ability and readiness for continuous education, continuous improvement, retraining and self-study, professional mobility, striving for new things;

- the ability for critical thinking;

- ability and willingness to take reasonable risks, creativity and enterprise, ability to work independently and willingness to work in a team, willingness to work in a highly competitive environment, mobility;

- broad knowledge of foreign languages as communication tools for effective participation in globalization processes, including the ability to freely communicate in everyday life, business and professional in English.

The formation of future specialists is a long and complex process, which includes the need to adapt for these purposes not only individual areas of socio-economic policy (primarily, policy in the field of education), but also the public environment as a whole, the formation of a "climate" in society that provides freedom of creativity and self-expression, encourages and rewards people who have the relevant competencies and achieve success through their use.

In this regard, it is necessary to form an integral system of lifelong education that meets the requirements of an innovative economy. The transition to the use of modern teaching methods and technologies aimed at continuous development and further improvement of creative thinking, skills and motivation for identifying and posing problems, creating new knowledge aimed at solving them, searching and processing information, independent and teamwork and other competencies of innovative activities ... In this regard, the role of cooperation in the educational sphere is of course important. By shaping a new learning environment, we are creating a person, citizen and specialist who is ready to meet the requirements of the 21st century.

Let's dwell on the main innovative methods that will make it possible to create a new learning environment. One of the not new, but effective forms of education is training. Training is the main form of interactive exercises, which are organizational activities that provide theoretical knowledge and practical skills to be learned in practice, in the exercise. The training is not an innovative method, but online training is more and more practiced in the world of education. Training is focused not only on the development of interpersonal relationships, but also on increasing the general level of professional competence of future specialists. Good training is always based on the cooperation of the trainer and the participants. Currently, trainings are widely used in higher education. In particular, foreign professors and teachers who are trained under cooperation agreements with foreign universities in order to improve the higher education system make extensive use of online trainings, online lectures and practical online classes. This has a positive effect on the quality and content of education.

The organization of any type of pedagogical training consists of the following stages:

1. Zest (charm is a wonderful aspect of working with students) is a short discussion, asking questions, offering provocative arguments or taking an activity to stimulate student interest in learning.

2. Explaining the purpose of teaching the audience. As a result of the training, students should answer the question: "What do I need to know and do after the training?"

3. Contribution of the trainer. Provide background information for training, the necessary information (text, lecture, document, reading) and display the content of science for a specific type of activity.

4. Interactive strategy is the heart of learning. A brief description of how you can use your interactive methodology. Interactive style is the organization of collective bargaining, freedom of expression, discussion, analysis and action.

5. Debriefing and evaluation of the training. Students draw conclusions from the knowledge and skills gained, discuss the use of the acquired knowledge and skills in other cases. This is the section of the training that answers the question "What did the students learn and gain?"

During the training, students receive theoretical knowledge and also develop their emotional and behavioral skills.

Online trainings differ from traditional trainings in the following aspects:

the main goal of this type of educational process is to remotely gain new knowledge, create a scientific environment, get to know each other and get emotionally charged with a good mood.

The form, methods and means of teaching and upbringing are selected and personalized based on the learning goal.

- Another new concept of cooperation with local and foreign universities is the concept of blended learning. The advantage of the system lies in the fact that the teacher remains in the educational institution widely and effectively uses the Internet. Declan Byrne says of "blended education" that is learning that leverages rich teaching experience. This approach can be based on the use of various methods of information delivery, education and information technologies in the learning process, as well as the organization of traditional events in individuals and groups.

- Students do not get tired of such innovative approaches, but rather are motivated. The main challenge is to ensure a mutually balanced methodology and achieve high efficiency at low cost, in particular for Internet routing.

- Blended learning is based on the following components:

- Classes in the classroom are taught through online courses (on line);

- Seminars and face-to-face sessions

- discuss the most interesting and important aspects of the subject or educational material;

- educational materials are formed in electronic or paper form, with multimedia design;

- using online chats, forums, e-mail;

- Individual and group online projects;

- Virtual room for training and communication;

- Audio and video lectures, animations and simulations.

Results. At the present stage, another type of online education is "webinar" (this term was introduced in 1998). The webinar involves the creation of a technology for interactive training in web technologies. This technology not only provides information to the audience, but also allows them to communicate (verbally, in writing), that is, they can share ideas and express themselves in the form of workshops. In other words, a modern Internet-based education system. Today we can safely say that the above innovative forms of education are being introduced into the learning process at the university.

Conclusion. The concept of continuous professional development can be defined as "the individual responsibility of pharmacists for the systematic maintenance, development and expansion of knowledge, skills and attitudes to ensure continued competence as specialists throughout their careers". The need to create a new modern system of personnel training for the pharmaceutical industry is dictated by the specialization and differentiation of the activities of pharmaceutical market entities, which will entail the need to change approaches and curricula. Accordingly, the training programs for pharmaceutical personnel should also change. Only a good specialist who has mastered the latest information, communication and innovative educational technologies can benefit his society. And today, improving the training of pharmaceutical personnel by achieving international standards of professional training of pharmaceutical industry specialists and scientific and pedagogical personnel, integration into the European educational space is a key link in the effectiveness of the system for providing pharmaceutical assistance to society.

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