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EFFECTIVE WAYS OF PREPARING FUTURE TEACHERS FOR INNOVATIVE ACTIVITIES BASED ON A CREATIVE APPROACH

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ABSTRACT

This article discusses the effective ways of preparing future teachers for innovative activities based on creative approaches to higher education, and also focuses on improving the effectiveness of education, ensuring that the individual is at the center of learning and young people acquire independent knowledge.

Keywords: Education, knowledge, intelligence, imagination, thinking, interactivity, innovation, creativity.

INTRODUCTION

From the first days of independence the development of the education system has been recognized as a priority of state policy. Today, one of the most important issues of our life is radically change the content of education and upbringing and raising it to the modern level. Because the modernization of society, the development and prospects of life, the results of reforms, the formation of a socio-economic policy in accordance with the independence of the republic and a market economy are all closely connected with the problem of training highly qualified specialists.

One of the priorities in the Development Strategy of the Republic of Uzbekistan for 2017–2021, defined by the President of the Republic of Uzbekistan Sh. Sh. Mirziyoyev, is to increase the availability of high-quality educational services for the development of education and science, and to train highly qualified personnel in accordance with modern needs of the labor market. It is known that the intellect and skills of a person depend not only on their knowledge, but also on their high logical thinking.

That is why today students have a stable memory, independent thinking, a high level of educational material, an understanding of real life and, of course, the formation of logical thinking. In the 21st century, students are required not only to provide knowledge, but also to acquire the necessary skills, as well as develop them in the future.

In order to increase the effectiveness of education, so that the individual is the center of learning and to provide self-education for young people, higher education institutions need well-educated and highly qualified teachers who know how to use modern teaching technologies and interactive teaching methods.

Materials and methods

One of today's principles of education is the retraining of teachers for reforming the innovative educational process, combining the activities of educational institutions for the preparation of highly qualified and competitive specialists and integrating pedagogical innovations in the educational process.

However, advanced pedagogical technologies and innovations do not come into the system of education by themselves. This is a process that depends on the activity of the teacher and his creative approach. You cannot take a single step in education without changing the activities of the teacher, without increasing his or her responsibility and activeness. Analyzing the concept of "innovative activity" we want to note the sayings of G.A. Mkrtichyan on this occasion: "There are 3 main types of pedagogical and experimental activities: private practice, experimental work, innovative activity of the teacher. The more innovation in pedagogical activity, the better the teacher understands the private experiment

Innovative activity is a teacher's creative approach to master existing forms and tools of self-improvement. It is also worth to note that stable and generally accepted scientific ideas and classifications about educational innovations and innovative pedagogical activity have not been fully compiled yet.

One of the main reasons for this situation is aimed at the education system in order to overcome the difficulties associated with the gap between scientific knowledge. And the main reason is the gap between educational knowledge and practical pedagogical activity.

The future teacher will be engaged in the creation, implementation and promotion of innovation as a subject and organizer of innovation. The teacher will be able to analyze the content and the essence of changes in science and traditions. The concept of innovation activity is closely related to such concepts as innovation and innovation process. Therefore, without understanding the content of these concepts it is impossible to understand the content of innovative activities. Innovation is an important part of the theory and practice, a system of social subjects' actions aimed to improving the quality of the socio-cultural object.

There are various approaches and ideas regarding the creation of the essence of this idea, and in science there is no single idea of its essence.

Innovations are relevant, important and new approaches that are formed in one system. They are born on the basis of initiatives and innovations that are promising for the development of educational content and have a positive impact on the development of the education system as a whole.

Innovation is the end of the result, due to which technology its forms and methods in a specific area of production, a new approach to solve problems or the use of a new technological process can lead to greater success. Unlike other spontaneous innovations, innovation is a mechanism for managed and controlled change. Any novelty in the education system cannot be innovative. Therefore, it is important to point out the main differences between the concepts of "innovation" and "novation". The specific form, content and scope of the reform activity is the basis for this. If the activity is short-term in nature and does not have a holistic system, then only when the task is to change only certain elements in a specific system, we interact with novations.

Innovation can be achieved only if the activity is based on a specific conceptual approach, and its result can lead to the development or change of the system. Criteria for both concepts: innovations occur within the framework of the existing theory, are limited in volume and time, updated by methods and, therefore, improve the previous system.

Innovation is systemic, holistic and continuous, designing a new system of activities in a particular practice, fully updating the positions of practice subjects. It opens new areas of

activity, creates new technologies, achieves new quality results, and as a result, the practice itself is updated. Innovation process is the process of preparing and implementing innovative changes.

Results and discussion

The solution to the problem of preparing future teachers for innovative activities based on a creative approach is the result of a growing understanding of the dynamics of innovative processes in society. Its analysis includes not only the use of the most modern achievements of science and technology, but also processes such as search, creation, adaptation, implementation and re-study of the results.

One of the scientists who studied the structure of innovative activity based on a creative approach, V. Slastenin, described it as: “The structure of innovative activity is a creative approach, creative activity, technological and methodological preparation for innovation, new thinking and communication culture.

Levels of innovative activity: reproductive, heuristic, creative. Innovative activity and innovations in creative activity are based on a creative approach. Therefore, the introduction of innovations in the educational system in the pedagogical process is carried out in 4 stages:

1. Identify the problem using analysis.
2. Designing the proposed educational system.
3. Planning for changes and news.
4. Implementation of changes.

The purpose of preparing future teachers for innovative activities through creative approach is to improve the teacher's commitment to novelty, creative thinking, skills and ability to work independently, and to improve the skills of teaching and extracurricular activities using new teaching technologies and interactive methods.

Innovative activity stems from the teacher's dissatisfaction with his or her work. It is caused by the teacher's attempts to successfully solve a particular pedagogical task, which is a barrier. Innovative activity based on creative approach begins with the search for new ideas. Pedagogical innovation requires a new approach from the teacher as it focuses on addressing an important and complex issue in the educational process.

“Innovation” is a Latin word which means renewal, “innovation”. The innovative educational process involves the creation of new ideas that will improve the form and content of the educational process. Innovative ideas are quickly being introduced into today's educational practice. Pedagogical innovations contribute to improving the quality and effectiveness of education.

At the same time, any process of modernization of society is inextricably linked with the essence of reforms. Updating state educational standards; Improving the content of classifiers in the field of educational literature, textbooks, programs, and education stimulates the emergence of new pedagogical concepts. Such updates require accelerated integration of pedagogical innovations in lifelong education.

The active work of modern educators in this process requires a high level of preparedness for innovation with a number of professional qualities. The level of competence is clearly reflected in the educational technology project and at its center is the pedagogical idea. The quality of training is guaranteed if the teacher has theoretical knowledge, practical experience, the ability to use advanced teaching methods and techniques.

Any teaching technology is focused on a specific didactic goal; it is based on a clear pedagogical idea. Since the essence of pedagogical technologies lies in the idea of developing a student's personality from different points of view, the same idea is based on educational technologies in various subjects. However, each time we try to find a new, original answer to the question in what form, by what methods and how we can realize it? From this "answer" lies the essence of the pedagogical idea that moves technology.

Interactive methods are widely used to ensure the effectiveness of educational technologies in continuous education. Dozens of methods, such as "6x6x6", "mental attack", "genealogy of decisions", "networks", "scales", "stairs", "corners", "fan", are well known. In teaching practice, the teacher bases his didactic goals in planning their use.

At the moment, he is thinking about how to achieve this goal. There is a need to create specific ideas to solve the problem. Well, the didactic goal is clear, the stages of its implementation, the methods of teaching are defined, but what is the basis of the educational technology?

There are different approaches to the analysis of the structure of innovative activity of a future teacher. The updating of activities will take place in three stages: preparation, planning and implementation. There are a number of psychological barriers in preparing a teacher for innovation. Firstly, it's very difficult for a teacher to go beyond what he or she is used to, that is, lack of creativity among teachers, and another reason is that new and unknown things always cause fear in people.

CONCLUSION

Based on the foregoing, we can conclude that although the majority of scientific studies describe the concept of "innovative activity", there is no single definition of innovation and the full significance of innovative activity in this area, and there is no single approach to the process of formation of this activity.

An innovative activity based on a creative approach is the creation of a new technological process or a new advanced product using scientific research, development, experiments or other scientific and technological achievements, which is pragmatic both in the field of ideas and in the actions of individuals. It is truly innovative, only if the experience of implementing activities is accessible to people. The essence of innovative activity is the formation of new technology, the result of which is the transformation of an invention into a project, and project into a technology.

To increase the effectiveness of education, to ensure self-education of young people, universities need well-educated people who know how to use modern teaching technologies and interactive teaching methods.

The process of preparing future teachers for innovative activities, based on a creative approach, it can develop only on the basis of subjective principles established by science and established rules of practice. This is, of course, associated with innovative educational technologies. Innovation is associated with the search for solutions to pedagogical problems, the course of innovative processes in education, the nature, content and classification of results, as well as the analysis of research results. Scientists divide this in three stages:

The first step is to study the factors that contribute to or hinder the success of the news, and analyze empirical data of various news.

The second step is to study the process of innovation taking into consideration the mechanism of transfer from one sphere to another.

At the third stage, the researcher should focus on the analysis of various innovative situations, the development of risk assessment methods and the development of recommendations in the field of innovation.

In the process of preparing future teachers, the formation of ideas through innovative methods will largely depend on the continuous improvement of the education system. As a result of their poor use of innovative methods, lack of specific tasks in the programs and textbooks, special methodologies have been identified that the solution of the problem is not solved positively.

The image of a future teacher should reflect the foundations of science, technology and production technologies, as well as be an independent thinker with a broad outlook, capable of deeply, objectively and independently thinking and evaluating the nature of social events. Training of the future teachers is a long and complex process, and the successful completion of this process will require a meaningful and methodical organization of general pedagogical activity, high efficiency, the use of innovative educational technologies and the use of extensive information.

Due to the urgent need of the period, it is necessary to carry out a number of positive events in the direction of future teachers to a creative approach to the implementation of innovative educational technologies:

- to pay special attention to the development of teaching resources (textbooks, manuals, guidelines, and brochures) that will inform future teachers about the nature of innovative educational technologies;
- to organize additional training aimed at improving their professional skills, to familiarize them with the basics of innovative educational technologies;
- to popularize advanced teaching methods for future teachers using innovative teaching technologies;
- to create textbooks of a new generation on future disciplines in the preparation of future teachers, achieve a technological approach in revealing their content;
- to organize various competitions to encourage teachers who use innovative pedagogical technologies to educate future teachers;
- to pay special attention to study abroad, sponsored by international, local authorities and non-governmental organizations in order to ensure the effective implementation of innovative educational technologies in educational activities;
- to conduct scientific and practical research on the basis of scientific and practical foundations; introduce innovative educational technologies in the process of training future teachers and conduct regular republican scientific and practical conferences.

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