

THE IMPORTANCE OF THE INTRODUCTION OF INNOVATIONS IN THE EDUCATION OF MEDICAL ELECTRONICS IN THE DEVELOPMENT OF MODERN MEDICINE

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Abstract

In this report, the issues of effective use of innovative approaches in the process of implementing reforms in the field of education in our country, as an example of the science of medical electronics, are highlighted.

Keywords: higher education, medical electronics, science, developments, innovation, innovative development, integration, innovative approaches, pedagogical technologies.

Introduction

In our country, since the first years of independence, attention has been paid to the field of education at the state level. In recent years, large-scale reforms have been carried out and are showing positive results. In particular, in the paragraph called "Development of the field of education and science" of the fourth priority direction of the development of the Republic of Uzbekistan - the priority direction of the development of the Republic of Uzbekistan, in 2017-2021, "Further improvement of the continuous education system, high-quality it should be specially recognized that it is envisaged to increase the possibilities of educational services, to continue the policy of training highly qualified personnel in accordance with the modern needs of the labor market [1-3].

Such high goals cannot be achieved without involving advanced, innovative approaches to the educational process. In fact, advanced pedagogical technologies increase the productivity of the educational process, from the independent thinking process of students, increase students' enthusiasm and interest in knowledge, form the skills and abilities of solid mastering of knowledge, free use of it in practice.

In the educational process based on innovative pedagogical technologies, the scope of the teacher's and student's activities is clearly defined, and the specific technology of educational organization is shown. Today, the processes of social and economic development of society cannot be imagined without innovations. The introduction of innovations in all spheres of society is an important driving force of social life. The introduction of innovations in the educational system has an important place in the process of ensuring the social and economic

improvement of the society, increasing the well-being of the population, and solving social problems.

Nowadays, the interest in using innovative technologies and interactive methods in the educational process is becoming more and more widespread. The use of such methods increases the effectiveness and effectiveness of education, and forms the ability of students to deeply understand the content of the lesson. Innovative methods of education make it possible to use and activate the great educational potential of students, to introduce competition elements into the educational process.

Interactive methods of education are among the innovations in education. According to K. Angelevsky, "... all countries are trying to introduce as many innovations as possible into education... Today's innovations require an organized, planned, mass... approach to them.

Innovations are long-term investments for the future... In order to arouse interest in innovation, to educate a person who strives to create new things, education itself should be rich in innovations, and the spirit and atmosphere of creativity should prevail in it" [4].

"Another method of dialectical harmonizing material and spiritual production processes in ensuring that independent national social development grows to a new qualitative level is to develop them harmoniously based on the introduction of innovations in the sphere of economy and spirituality. To establish. This method works through the means that express the dialectical features of the development of young people based on the harmonious organization of labor activity with economy and spirituality" [4].

Innovations are relevant, important, new approaches formed in one system. They are born on the basis of initiatives and innovations, and will be promising for the development of educational content. Innovation is the end result of using technology, forms and methods in a certain field of activity or production, a new approach to solving a problem or a new technological process, which is known to lead to greater success than before.

In addition, the introduction of innovations in the teaching of medical electronics has a positive effect on the development of qualified personnel and the development of the modern medical system.

In the innovative development of the science of medical electronics, first of all, it is appropriate to reconsider the position of this science in the field of medicine.

It is necessary to take measures to introduce them widely, not only in medical institutions of higher education, but in all institutions of higher education [5-8].

In order to introduce innovations in the teaching of medical electronics, it is necessary to form a new way of thinking in the minds of teachers and students, to increase the modern way of thinking, and to form technological ideas. For the development of today's society, it is necessary to look at reality from a new angle, a new, i.e., an innovative approach. This is a

new methodology, a new technology, in short, an innovative approach. It is necessary to rely on a new way of thinking to introduce innovations, i.e. New-based technologies, new management processes [7-10].

In the teaching of this subject, students should be involved in the solution of current scientific and technical problems and become a participant in innovative processes, along with providing only knowledge of subjects. In the organization of these processes, it is appropriate to establish scientific and innovative centers, experimental-technical and design departments, technological parks, and modern laboratories with high-tech equipment in universities.

In this process, the scientific potential of young scientists and talented students, their scientific and practical skills for new ideas and innovations will increase.

In conclusion, it is the need of the hour to thoroughly study the concepts of innovation and apply them to the field of Medical Electronics, as well as to all other disciplines. In this way, it is possible to see the prospects of achieving success in the development of medicine, which is one of the important fields serving the development of our country.

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