INNOVATIVE TECHNOLOGIES IN HIGHER PROFESSIONAL EDUCATION

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Abstract: *The article discusses innovative technologies in higher education professional education, describes some types innovative technologies used in the educational process.*

Key words: *innovation, technology, innovative technology, higher professional education.*

INTRODUCTION

The main priority and value in our state has always been obtaining quality education. Nowadays more and more attention is paid in the educational process innovation. Innovative technologies allow education to reach a new level. The rapid development of society establishes the need for changes in technology and methods of the educational process. Graduates of higher professional institutions must be prepared for the trends of changing modernity. By this reason for the introduction of technologies that are aimed at an individual approach, mobility and distance in education is important and inevitable [1]. Innovative technologies in higher professional education are a kind of a mechanism through which new methods and means are used in education, actually implemented

The term "innovation" (from the Latin "innove") arose in the middle of the 17th century and denotes the entry of a new thing into a certain area, implantation into it and the creation of a whole set of changes in this area. Innovation is, on the one hand, a procedure of innovation, implementation, implementation, and on the other hand, this is the activity of growing innovation into a specific social practice, but not a subject at all. Innovation exactly translated from in Latin it means not "new", but "into the new". The concept of "innovation" means innovation, freshness, change; innovation as a means and

process implies introducing something new. In relation to the pedagogical process at a university, innovation means the introduction of something new in the goals, content, methods and forms of training and education, organization of joint activities between teacher and student [2].

Innovative technology is a technique and procedure for developing something the latest, or improving existing ones in order to provide progress, as well as increasing productivity in various areas of human activity [1]. The goals of innovation in higher professional education are: - providing the highest degree of intellectual, personal and spiritual student development; - creating conditions for them to master the skills of an academic style of thinking; - teaching the methodology of innovation in socio-economic and professional fields; - development of sustainable interest in the preferred specialty, as well as to an innovation initiative [3].

Whatever methods are used in training, the main thing is to do the following: psychological conditions in which the student would have an active position and fully least could show himself as a subject of educational activity. Innovative technologies in vocational education contribute to improving the quality of training [4]. Innovative technologies in training include: - active and interactive learning technologies (active and interactive lecture, provocative lecture, problem lecture, visualization lecture, etc.), discussion, case method, business and role-playing games, psychological training, computer simulations; - technology of dual training (connection of theoretical and practical training, where theoretical training takes place within the walls of the university, and practical training in production); - technology of individual training (the teacher chooses methods and means training based on each individual's abilities and needs student); - modular-rated training (based on dividing the discipline into modules, which students must master and work through themselves, and the teacher acts in as a guide, that is, corrects and directs); - distance learning technology (interaction between teacher and student on distance while maintaining all the inherent components of training using innovative technologies); - technology of immersing students in an environment that is uncomfortable for them (fictional professional problem, the solution of which is carried out with a certain amount of time and with existing knowledge, which will increase the desire to self-study);

- SMART technologies (consist of developing the necessary skills in students to carrying out effective work in the digital environment;

the abbreviation stands for So:

- S – Self-Directed (self-directed, self-controlled);

- M – Motivated;

- A – Adaptive;

- R – Resource-enriched (enriched with various variable resources);

- T – Technological (technological); - health-saving technologies (preserving the health of students and developing value attitude towards it) [5].

Important positive aspects of innovative technologies in education can be distinguished: - these technologies have their own advantages, firstly, they stimulate motivation of students for cognitive activity, especially design; - secondly, the use of such training creates the most comfortable psychological atmosphere for students, especially removes tension during communication with teachers; - thirdly, a creative place is open for the student, as a result of which the number of high-quality and interesting works; - fourthly, informatization stimulates not only the student, but also interests teachers to a greater extent due to increased productivity and culture [6].

From the above we can conclude that innovative technologies in higher professional education is necessary and inevitable, it increases the effectiveness of training and allow you to prepare highly qualified workers. The need to introduce innovative technologies into professional training is due to the fact that now future specialists are required not only to have knowledge, but also ability in an ever-changing world to continuously acquire new knowledge and apply them in your professional activities. Use of innovative technology significantly improves the effectiveness and quality of activities.

Bibliography

1. Application of innovative technologies in the educational process [Electronic resource]. URL: https://stranatalantov.com/news/primenenie-innovaczionnyixtexnologij-v-obrazovatelnom-proczesse/

2. Махмудова Н.Р., Мухамадиев С.И. Инновационные технологии в образовании // Вопросы науки и образования. – 2019. – № 11(57). – С. 53-58 [Electronic resource]. URL: https://cyberleninka.ru/article/n/innovatsionnye-tehnologii-v-obrazovanii-6/

3. Yuldoshev R.R. (2022). Digitalization of higher education: prospects and risks. Law and Practice, (1), 94-102.

4. Azamxonov B., & Yuldasheva, D. (2023). AXBOROT TEXNOLOGIYALARIDAN FOYDALANISHNING ZAMONAVIY MUAMMOLARI. *Research and Implementation*.

5. Yo`ldosheva D. (2023). AXBOROTLASHTIRILGAN AXBOROT TIZIMLARINI SOHALAR BO`YICHA QO`LLANILISH SAMARADORLIGI HAQIDA . *Research and Implementation*.

6. Юлдашева, Д. (2023). ИСПОЛЬЗОВАНИЕ ПРАКТИЧЕСКИХ ПРИМЕРОВ В ПРЕПОДАВАНИИ ТЕХНИЧЕСКИХ ПРЕДМЕТОВ. *Conference on Digital Innovation : "Modern Problems and Solutions"*