

AN INNOVATIVE APPROACH TO THE ORGANIZATION OF EDUCATIONAL PRACTICES BASED ON THE INTEGRATION OF SCIENCE, EDUCATION AND INDUSTRY

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ABSTRACT

The article presents innovative solutions, proposals and recommendations for the organization of educational practices in continuing education on the basis of the integration of science, education and industry. Methodological guidelines for organizing the process of continuing education in connection with practice are also recommended.

Keywords: Science, education, production, membership, innovative technologies, knowledge, skills, qualifications, efficiency, integration.

INTRODUCTION, LITERATURE REVIEW AND DISCUSSION

It is known that in the Address of the President of the Republic of Uzbekistan to the Oliy Majlis dated December 28, 2018 it is necessary to further improve the system of science, modern and continuing education, for which state policy in education is based on the principle of continuing education. the idea that it is necessary [1; Taken from the text of the Address of the President of the Republic of Uzbekistan to the Oliy Majlis dated 28.12.2018]. Also, the Resolution of the President of the Republic of Uzbekistan No. PP-3775 "On additional measures to improve the quality of education in higher education institutions and ensure their active participation in comprehensive reforms in the country" also introduces teaching technologies and interactive methods. It was stated that the organization should be based on the implementation of mechanisms related to the independent learning of students [2; taken from the text of the decision]. Decree of the President of the Republic of Uzbekistan dated February 7, 2017 No PF-4947 "On the Strategy for further development of the Republic of Uzbekistan", April 20, 2017 No PP-2909 "On measures to further develop the higher education system", 27 Resolution of the Cabinet of Ministers of the Republic of Uzbekistan dated August 15, 2014 "On measures to further expand the participation of industries and sectors of the economy in improving the quality of higher education", the Cabinet of Ministers of the Republic of Uzbekistan "On further improving the system of retraining and advanced training of public educators" 234 of April 6, 2017 "On approval of the State educational standards of general secondary and secondary special, vocational education" and other normative legal acts related to this activity the link between science, education and production can be achieved.

It is known that in his Address to the Oliy Majlis, the President said, "If we start building our great future today, we must start it on the basis of innovative ideas, innovative approaches." We all know that Uzbekistan is rich in mineral and natural resources, has a strong economic and human potential. However, our greatest asset is the huge intellectual and spiritual potential of our people [3; 13-b.]. We consider it our primary task to improve the functioning of all links of the education system on the basis of modern requirements [4; 24-p.].

Improving the quality of training in Uzbekistan, creating the necessary conditions for the training of highly qualified specialists on the basis of international standards, establishing close cooperation between each higher education institution and the world's leading scientific and educational institutions, advanced pedagogical technologies based on international educational standards, curricula and issues of wide introduction of educational and methodical materials, development of modern professional knowledge and creativity of students, scientific and pedagogical staff, effective use of interactive methods in working with youth audiences. marked as

Therefore, it is expedient to organize educational practices based on an innovative approach to the effective organization of the educational process. Hence, innovative learning processes are processes that are directly related to practice. In short, innovation is the future. In this regard, given the great practical importance of ensuring the integration of science, education and production, there is a need to develop guidelines and recommendations for the organization of the process of continuing education. Based on the world experience, the role of organizations with high material and technical base, high-potential specialists, based on modern students, can be recognized in the direct connection of the educational process with practice. There are some shortcomings and problems in linking the educational process in the country with production. In particular, despite the fact that most of the production organizations, enterprises have cooperation agreements with educational institutions, there are many shortcomings in the correct and effective organization of training practices. As an example, in the organization and conduct of internships for university students, there is a lack of clearly structured methods and guidelines for teaching staff. Such problems arise in all areas and directions, and a clear solution has not yet been fully developed. The practice managers of educational institutions also show a lack of practical experience and skills in the effective organization of student internships.

The following suggestions and recommendations are made to ensure adequate interaction of science, education and industry in the process of continuing education:

- Training of highly qualified practitioners in the field of education, suitable for students of the world;
- Development of methodological and didactic support for the organization of educational practices for the formation of practical knowledge, skills and abilities of students in each field and direction of education;
- provision of separate modern innovative laboratory rooms, instruments and devices, provided with the necessary material and technical base at production enterprises, governmental and non-governmental organizations, enterprises and facilities for training practices;
- Development of procedures for strict assessment and control of knowledge, skills and abilities of students in the educational practice. (development of measures for re-internship of students who do not have sufficient knowledge, skills and qualifications during the internship);
- Development of innovative and promising programs related to the organization of internships between educational institutions and industrial enterprises;

In general, the integration of science, education and industry can be achieved through the development of promising programs and plans based on an innovative approach, the gradual introduction of advanced foreign experience, based on the needs and requirements of specialists in the field.

REFERENCES

1. 1. The text of the Address of the President of the Republic of Uzbekistan Sh. Mirziyoyev to the Oliy Majlis. Tashkent. December 28, 2018.
2. 2. Resolution of the President of the Republic of Uzbekistan No. PP-3775 "On additional measures to improve the quality of education in higher education institutions and ensure their active participation in the ongoing comprehensive reforms in the country." - T., June 5, 2018.
3. 3. Sh.M.Mirziyoev. Together we will build a free and prosperous, democratic state of Uzbekistan. "Uzbekistan", Tashkent, 2017 29 p.
4. 4. Sh.M.Mirziyoev. The rule of law and the protection of human interests are the key to the development of the country and the well-being of the people. "Uzbekistan", Tashkent, 2017 28 p.