

Main Directions for Improving the Integration of Education and Work

Pardayeva G.A.¹, Suyunova O'.J.²

¹Doctor of Philosophy in Pedagogical Sciences. Associate Professor of the department of "Software of Information Technologies", Karshi branch of the Tashkent University of Information Technologies named after Muhammad al-Khwarizmi.

²Karshi branch of the Tashkent University of Information Technologies named after Muhammad al-Khwarizmi, student

Abstract: *The article examines the main directions of improving the integration of science, education and production in the higher education system of Uzbekistan. The importance of ensuring the use of innovative methods in the development of science, production integration and innovative cooperation, effective ways of improving the effectiveness of scientific research through the integration of science, education and production based on advanced foreign experiences are shown.*

Keywords: improvement, orientation, integration, innovation, corporate cooperation, higher education, science, production, quality education

Introduction

Develop and put into practice pedagogical training modules for students of higher education institutions studying non-pedagogical undergraduate courses in our country. teaching-methodical and other manuals are transferred to a digital format, ensuring the formation of their electronic platform and the introduction of a single digital information search system for them, lectures, practical (seminar) and laboratory training in each discipline to develop and put into practice electronic modules on classes, independent work, to take measures to gradually increase the weight of groups where education is conducted in foreign languages in order to further expand the opportunities to attract foreign students to state higher education organizations, is tasked with organizing the admission of foreign students to state higher education institutions twice a year at the beginning of the semester [1].

LITERATURE ANALYSIS AND METHODS:

Today, taking into account the above, the following main factors can be distinguished in terms of improving the integration of science, education and production: - the results of scientific research carried out with the participation of scientists, professors and teachers, doctoral students, researchers, engineering staff, master's students and students; - Development of a strategy for the implementation of scientific research results in HEIs; - Training of trainers for organization, development and systematic improvement of innovative activities for HEIs; - Determination of the perspective of innovative activities based on the characteristics of HEIs, regional problems; - Implementation of the system of concluding license agreements in practice; - Establishment of a fund for the development of scientific research activities at the Higher Education Institution; - Development of special measures for wide involvement of young people in scientific research activities at HEIs; - Development of corporate partnerships; - Pay special attention to the development of international relations; - Use of opportunities of basic higher education institutions and ITIs; - Organization of separate courses for young scientists, KIXI and all researchers on preparation of scientific projects and writing articles of research results in journals with an impact factor; - Organization of student internships in fields of production and other organizations; - Organization of special courses based on the requirements of employing organizations. In addition, one of the main aspects of the results of scientific research of higher educational institutions is the improvement of the quality of training of highly qualified specialists. We will conduct a SWOT analysis of scientific research activities in order to develop ways to improve the integration of science, education and production in our republic. S - (strength) - the strengths of the system of integration of science, education and production in our country W - (weakness) - the weak points of the system of integration of science, education and production in our country O - (opportunity) - to improve the existing system opportunities T - (threat) - obstacles to improve the system

DISCUSSION AND RESULTS

The following recommendations can be made according to the SWOT analysis of the effectiveness of the integration of science, education and production. The following can be recognized as effective ways of improving the effectiveness of scientific research through the integration of science, education and production based on advanced foreign experiences in the completed project work. It is known that in the minutes of the meeting of the Cabinet of Ministers of the Republic of Uzbekistan No. 47 on November 2, 2015 "On issues of organizing the implementation of innovative cooperation of higher education, science and industry", Higher education, Recognizing that the organization of innovative cooperation between science and production should correspond to the socio-economic development prospects of the country, the priority directions of the development of science and technology, a laboratory necessary for conducting experiments for the scientific research works currently being carried out in HEIs and ITIs equipment does not meet modern requirements. The material and technical bases created especially for scientific researchers in the regions are quite outdated. Science and education lag behind production. Sometimes it takes a long time to get new results. For this, of course, additional funds are required. The main part of the existing potential in higher education is connected only with the educational process, in such a situation there is no time left to engage in scientific activities. Special attention should be paid to reviewing the time standards of professors-teachers of higher educational institutions and conducting scientific research. Professors-

teachers do not have enough information about the existing problems in production enterprises and institutions in the areas of specialization. In our republic, it is necessary to establish an Internet network that forms and constantly updates the problem base of production enterprises and other organizations. Based on the characteristics of the region, it is necessary to create conditions for higher education institutions and scientific research institutes to conduct test experiments in production and other organizations. It is necessary to form and implement the requirements for the integration of science, education and production based on the characteristics of the departments in the higher education institution. In order to create innovations in science, education and production in our republic, it is necessary to develop the best mechanism of integration. In higher education, integration can be carried out due to the nature of the field of science. It is allowed to carry out scientific research works in educational institutions, scientific centers, enterprises and organizations of foreign countries on the basis of bilateral or other agreements. taking into account modern achievements and the requirements of personnel customers, it is appropriate to determine it by the specialist training department of the higher educational institution. Strengthening and modernizing the material and technical base of higher education institutions, providing them with modern educational and scientific-laboratory equipment, optimizing the directions and specialties of training highly qualified personnel, improving the quality of the educational process due to the improvement of educational standards it is necessary to focus on the fundamental improvement of the quality of training of specialists with higher education required in economic sectors and sectors based on the promotion to a new level, the introduction of advanced pedagogical technologies and teaching methods, and the strengthening of the promotion of the work of teaching staff. Therefore, in order to improve the professional competence of scientific researchers, it is necessary to take measures to improve the material and technical base of the institute and to send them to relevant network organizations for conducting experiments. Modernization of the educational system based on the study and analysis of the latest achievements in the modern methods of organizing scientific research in education, important directions of increasing the efficiency of the higher education system, introducing innovations into the educational and methodological process , arming pedagogues with modern knowledge and practical skills, it is necessary to pay special attention to solving issues related to the implementation of modern approaches to educational practice in relation to ensuring the quality of education. It is necessary to attract speakers from production organizations to training centers in accordance with the fields.

Conclusion: It can be concluded from this article that stimulating scientific research and innovation activities, creating effective mechanisms for implementing scientific and innovative achievements, specialized scientific experimental laboratories, high technology centers and by establishing technological parks, it is possible to develop scientific research and train qualified personnel. In recent years, higher education institutions of Asian countries have risen in the world ranking due to the money spent on science and education.

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