

**DEVELOPED IN THE MODERNIZATION OF THE HIGHER
EDUCATION SYSTEM THE ROLE OF EXTRACTIVE INDUSTRIES**

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ABSTRACT

The development of the Republic's economy depends primarily on the quality of trained personnel. Reforms in various sectors in recent years have once again proved the urgency of this issue. One of the important factors for raising the quality of education in higher education is the provision of material and technical base, in addition to knowledgeable and high-potential professors, the use of innovative pedagogical technologies based on modern information technologies, as well as integration of higher education and industry.

Keywords: modernization, education, upbringing, integration, bachelor, master, innovation, pedagogical technologies, information technology, innovative technologies.

**Роль производственных предприятий в модернизации системы высшего
образования**

Аннотация

Развитие экономики Республики в первую очередь зависит от качество подготовленных кадров. Проведённые реформы в различных отраслях в последние годы ещё раз доказывает приоритетность этой проблемы. Для

поднятия качество образования в высшем образовании зависит от высоко квалифицированных образованных профессоро-преподавателей и кроме этого обеспеченности материально-технической базой, применение инновационно педагогических технологий с основанных на современных информационных технологий, также один из основных факторов интеграция высшего образования с производством.

Ключевые слова: модернизация, образования, воспитания, интеграция, бакалавр, магистр, инновация, педагогические технологии, информационные технологии, инновационные технологии.

After gaining independence, Uzbekistan has paid great attention, first of all, to the education of young people, their system of training educated personnel.

On August 29, 1997, the Law of the Republic of Uzbekistan "On Education" and the "National Training Program" were adopted. The unity and continuity of the education system in the Republic of Uzbekistan has been strengthened by law. Types of education, including continuing education: The system of higher education and post-secondary education has not lost its relevance.

Ensuring continuity of education has become one of the priorities in the development of the training system. In the system of continuing education, coherence, interdependence, and consistency have been identified as priorities [1].

In our country, special attention is paid to education and youth education for the next 3 years. More than 10 Decrees and Resolutions of the President of the Republic of Uzbekistan on the development of a single education system have been adopted. On October 8, 2019, the Decree "On approval of the Concept of development of the higher education system of the Republic of Uzbekistan until 2030" was issued. Many universities are opening. Branches of foreign universities are being established. Coverage of young people in higher education has exceeded 20%. The salaries of teachers working in the secondary and higher education system are being increased. The words of the President of the Republic of Uzbekistan

Shavkat Mirziyoyev in his Address to the Oliy Majlis , to have a high level, knowledge and high spirituality is one of the top priorities before us [2]

The teacher-teacher system plays a key role in the quality of education and the effectiveness of education. It is necessary to develop a system of providing educational institutions with highly qualified teaching staff based on a market economy.

The quality of the speech is important, not the weight. It should be our goal to achieve a system in which the latest achievements of pedagogical technology, the use of advanced options of information technology. In particular, in higher education, the lecture should not be one-sided, but the student should become an active participant. In-service training should focus on improving the teaching skills of faculty members.

Particular attention should be paid to the provision of material and technical base for the organization of lessons in all respects. It is difficult to organize this work without equipping the audience with modern information technology. It is impossible to improve the quality of education without creating a material and technical base.

It is known from the experience of foreign universities that the integration of higher education and industry has a positive impact on its quality.

The work done in this area in our country is not in demand. Some universities and some manufacturing companies are cooperating in certain areas. This process must be continuous and systematic.

In our opinion, the issue of radically changing the activities in this area is on the agenda. The production must be directly involved in the process from the time the applicant is admitted to the time he or she goes to work. Manufacturing enterprises should be actively involved in the training of specialists. The question arises as to what should be the integration of higher education with industry.

As part of the World Bank's Academic Innovation Fund, a project on "Improving the quality of bachelor's and master's degree training by strengthening cooperation between industrial enterprises of Kashkadarya region and Karshi State

University" is being implemented as a grant participant in the modernization of higher education institutions in Uzbekistan. We know that the Mubarek Gas Processing Plant, one of the largest industrial enterprises in Uzbekistan, and the Talimarjan Thermal Power Plant are rapidly updating their technologies. Mainly foreign countries are importing new equipment and technologies and introducing them into production processes. Departments of higher education institutions that train staff are not able to actively participate in these processes. As a result, it is difficult for graduates of higher education institutions to start working as specialists in their production when they go to work. In production, they have to retrain for 2-3 months.

Some subjects taught in higher education institutions are not compatible with modern technology and new equipment of enterprises. The fact that the production of research work in higher education institutions should also make a positive contribution to the development of enterprises is not taken into account. In general, it is necessary to drastically improve the targeted training of personnel.

There should be cooperation agreements between production and training institutes and universities. Branches of university departments should be established in production, as well as educational and research centers that meet modern requirements should be established at the enterprise. It would be expedient for students to start with excursions, to have internships, to involve production specialists in teaching, to organize the implementation of graduate and master's dissertations directly in production enterprises. The level of compatibility of instruments and devices used in manufacturing enterprises with educational and research laboratories of higher education institutions should be constantly studied. Subjects taught in higher education and their curricula and programs should be regularly examined by specialists of manufacturing enterprises. Proposals in this area should be discussed in the Educational Methodological Council of higher education institutions and recommended to the educational process.

In general, in order to increase the effectiveness of interaction between higher education institutions and industrial enterprises in the country, a legal approach is

needed, ie if the cooperation is based on the law, the obligations and responsibilities of both industrial enterprises and higher education institutions will be clearly defined.

Another issue is that at least some of the students admitted to higher education institutions of the Republic on a contract basis should be funded by large industrial enterprises. The implementation of this proposal will allow, firstly, the production enterprises to train the personnel they need, and secondly, the social protection of low-income families.

We believe that at such a time when such huge opportunities are being created, there will be an important impetus for the quality of education in the education system to rise to the level of demand.

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