

**METHODS OF IMPROVING THE USE OF INFORMATION
TECHNOLOGIES IN THE EDUCATION SYSTEM**

N.D. Makhmudova - is a teacher of "TIAME" NRU,

Tel: +998 99 806 14 08

E-mail: makhmudovanargiza1408@gmail.com

Abstract: This article focuses on the management of innovative activities in the higher education system based on information technologies. In this regard, it was stated that information and communication technologies serve as an important tool in increasing the efficiency of management, and in this regard, today, the rapid development of computer technologies and their intensive application in the educational process will lead to positive changes in the educational system. It is justified that these changes affect the strategic direction of higher education institutions and the active implementation of innovative activities.

Keywords: information technologies, higher education, distance education, innovation

In the developed countries of the world, in particular, the development of the United States, Germany, Great Britain, Japan, and South Korea is determined by investments aimed at strengthening the human factor, that is, the development of human potential, in particular, the increase in the level of education of the population and the professional training of young personnel. The way to ensure the priority economic growth of the country and regions at the modern stage is found in the field of improving the quality of education. It is known that today the educational paradigm is changing in the developed and developing countries of the world. Based on the Asian model of education, the educational process is focused on the development of the skills of practical application of the knowledge gained from theoretical knowledge, and the formation of independent learning skills in students based on information technologies. The Swiss World Economic Forum has announced the ranking of countries with the fastest growing economies. Based on the World Bank's "Global Economic Development" data, Uzbekistan was ranked 5th among the countries with the highest annual growth rate in the period from 2020 to 2023. The perspective of reforms in Uzbekistan is based not only on the experience, traditions and values of the country, but also on the use of advanced international foreign experience. From innovative projects implemented in the higher education system today, the amount of research dedicated to studying the influence of positive and negative factors in evaluating the expected results is extremely small. As a result of scientific research on this issue, we have considered that the effectiveness of innovative projects depends on project management. Based on this, we determined efficiency by building a successful project team. An effective innovation team must understand its time-bound task and take full responsibility for its execution. The team should develop clear team criteria. This similarity is mainly determined by the purpose of the project. Community should be directed from outside. Focusing on the project's bottom line helps keep the team cohesive without becoming dangerously disconnected from the organization's broader

strategy. Finally, it is typical for a successful innovation team to have a variety of skills. The diversity of the team is its strength. It increases depending on the level of competence of personnel in performing tasks. The team should be able to think creatively, constructively and together. The creator of innovations has always been a separate individual (person). In this case, we must consider the psychology of the individual in terms of his ability to innovate. Therefore, the main problem of the psychology of innovation is to theoretically and experimentally substantiate the mechanisms, forms and methods of psychologically studying the creative potential of a person and to provide psychological comfort for effective innovative activity. We can assume that the talent for innovative activity or creativity is an innate quality that only some people have. In addition, other factors influence the innovative activity of a person. For example, in the psychology of innovativeness, the following connection is emphasized: orientation to new things from more experienced workers is weaker than from less experienced workers. Summarizing what has been said, we would like to emphasize that the simultaneous combination of characteristics typical for a creator-innovator is visible only in a very small number of representatives compared to homogeneous (professional, demographic, gender-age, educational, national-cultural or confessional-ethnic creative groups. Usually, the share of such creators in the total number of the group is up to 10-12%. In addition, such employees are usually not easy to manage and problems arise in working with them. Innovation is a social phenomenon. It finds its expression in society and its emergence. It is necessary to carry out joint activities in order to come. Criteria and indicators of innovative activity in scientific institutions and higher educational institutions, innovative entrepreneurship has been proven to be a factor of higher educational institution development, and the role of the higher education system as a subject of innovative activity and a source of the country's scientific and technical potential has been revealed. Liberalization of the economy. One of the most important conditions for the development of a higher educational institution in the process of its success and improvement of its conditions is innovative entrepreneurship and the method of entrepreneurial activity. In the implementation of innovative projects, the capacity of personnel plays a major role in the higher education system. Therefore, in our article, we studied the assessment of the employee's potential in planning staff placement, transfer, and training. In practice, there are two approaches to employee evaluation: expert and instrumental. As a quantitative assessment of personnel evaluation in higher education, we carry out with the help of expert evaluations. At the same time, 6-7 criteria are first determined to determine the position of the candidate, such as organizational qualities. For example:

- the ability to plan and schedule work;
- professional qualification;
- awareness of responsibility for the work done;
- flexibility;
- the ability to quickly learn new things;
- diligence and efficiency.

For each of these criteria, based on the performance of the candidates, an appropriate rating (for example, a five-point scale) is assigned to the selected candidates (excellent-5, good-4, satisfactory-3, unsatisfactory-2, poor-1).

According to the standards, the evaluation is based on the increasing quantitative value. For example, when evaluating the "ability to organize and plan work" criterion:

"1" is an unorganized employee and manager;

"2" - does not know how to plan and plan his work and the activities of his subordinates;

"3" - can organize the work process, but does not always plan to work successfully;

"4" - knows how to organize and plan his work and planning his work;

"5" - able to create and maintain a clear order at work based on effective planning.

Research on the management of the higher education system, improving the quality of personnel, saving costs in the training of highly qualified personnel in higher education institutions, using information and communication technologies and interactive pedagogical technologies, and ensuring the innovative development of the world's leading universities. Barrow studied economic growth and the quality of school education. came out, then Ganishek and Kimkou, Ganishek and Uzman researched the research on the characteristics of the relationship between economic growth and the quality of education. In particular, Ganishek, Kim and Uzman measured the quality of education based on their experience in mathematics, using Barrow international test scores. The contribution of scientists to the basic science is the strength of the influence of quality education on the economic growth of the country.

Based on the above analysis and opinions, we consider it necessary to carry out the following works in order to improve innovative activities in the higher education system based on information technologies:

1. Educational, methodological and scientific processes in the Ministry of Higher and Secondary Special Education and higher education institutions under its jurisdiction based on modern technologies it is necessary to develop new programs for organization. At the same time, it is suggested that it is time to pay attention to the issue of formation and implementation of a new style of distance education system (DES) by effectively using the possibilities of modern information and communication and Internet technologies. For this, first of all, the main normative documents of DES should be developed. Then it is necessary to establish a coordinating council on distance education and distance education centers in higher education institutions.

2. Developing a modern management system, modernizing the information and communication technology market, improving the corporate culture, introducing an effective monitoring system, improving personnel skills, developing the market for consulting services and innovative infrastructure in the development and implementation of management solutions for senior personnel management in the higher education management process. should solve such problems. It is necessary to evaluate the effectiveness of the management process of the HES by determining the aspects of the relationship between the management process and the results of practical activities, using expert systematic evaluation methods of the effectiveness of the management process according to the criteria in the organizational structure, and

analyzing the obtained results.

3. Monitoring of the educational system in order to determine the need for the training of management personnel in the higher education system in the regions of the Republic of Uzbekistan and the formation of their reserve and the correct distribution, development of regional programs and changes and corrections to the specializations and specialties of educational institutions, in necessary cases, opening new directions and educational institutions in the region it is necessary to define the parameters of admission quotas.

4. Interdisciplinary training and qualification improvement of innovative active specialists with high demand in the labor market;

5. Carrying out fundamental and practical scientific researches, in some cases, experimental design work (intellectual property objects, know-how, license, patents, new methods, results of scientific research, etc.).

6. Training professors-teachers, scientific employees, doctoral students, independent researchers and students on the implementation of scientific research activities.

7. Dissemination of knowledge about modern innovations in various branches and fields to listeners and students in the teaching process (educational sessions are widely studied and held on the basis of innovative enterprises. Through this, higher education institutions strengthen their competitiveness in the market of educational services

References:

1. Abdurakhmanov K.Kh. Labor economy (theory and practice). Textbook for higher educational institutions. - T.: Labor, 2004. - 672 b

2. Decree of the President of the Republic of Uzbekistan dated February 7, 2017 No. 4947 "Strategy of Actions on five priority areas of development of the Republic of Uzbekistan in 2017-2021". [www . Lex . en](http://www.lex.uz)

3. Peregudov L.V., Saidov M.Kh. Management and Economics of Higher Education: A Study Guide. - T.: Finance, 2002. - 184 p.

[www . lex . uz](http://www.lex.uz)

[www . stat . uz](http://www.stat.uz)