

INNOVATSIYALARNING TA'LIMDAGI AHAMIYATI

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Annotatsiya: Maqolada ta'limdagi innovatsion faoliyat ta'lim tizimidagi mavjud muammolarni hal qilish uchun mavjud ta'lim amaliyotini o'zgartirishga qaratilgan o'zaro bog'liq harakatlar tizimi sifatida ko'rib chiqiladi.

Tayanch so'z va tushunchalar: ta'lim, o'qituvchi, kasbiy, ijtimoiy, psixologik, pedagogik, innovatsiya, faoliyat, o'qitish, samaradorlik.

ЗНАЧЕНИЕ ИННОВАЦИЙ В ОБРАЗОВАНИИ

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Аннотация: В статье инновационная деятельность в образовании рассматривается как система взаимосвязанных действий, направленных на изменение существующих образовательных практик для решения существующих проблем в системе образования.

Ключевые слова и понятия: образование, педагог, профессиональный, социальный, психологический, педагогический, инновационный, деятельность, обучение, эффективность.

THE SIGNIFICANCE OF INNOVATIONS IN EDUCATION

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Annotation: The article considers innovative activities in education as a system of interrelated actions aimed at changing existing educational practices to solve existing problems in the educational system.

Key words and concepts: education, teacher, professional, social, psychological, pedagogical, innovation, activity, teaching, efficiency.

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Education policy is the most important component of public policy, a means of ensuring the fundamental rights and freedoms of the individual, the development of human potential, increasing the pace of socio-economic and scientific-technological development, the humanization of society, the rise of culture[1].

One of the main features of the modern world community is the radical acceleration of social and scientific-technological progress, as well as the spread of modern ideas and technologies. In this regard, the increase in knowledge based on innovation has an increasing impact on the pace of economic development.

Literature analysis

Modern education serves as a basis for a radically new organization of the vital activity of society, which is really a variety of educational and information, printed, e-learning materials, electronic, information resources, means of information and communication technologies, advanced brings up and creates relevance for all innovative approaches and research aimed at developing or modernizing a single information-educational space representing a set of educational technologies, which will meet the future educational needs of the individual, society and the state[3].

Therefore, the transition from the limited forms of education in the education system to the universal existence of these forms is of strategic importance in the context of the implementation of the principle of equal opportunities for education.

Research methodology

Thus, we see a new type of state that aims at an independently organized activity, a trajectory of self-education, self-awareness, self-development. As a result, it is important to change the conceptual framework for the management and development of education systems in the context of innovative processes.

Analysis and results

The essence, tasks and characteristics of innovations in education

Innovative activity in education should be seen as a system of interrelated actions aimed at changing existing educational practices to address existing problems in the education system[5].

If we talk in more detail, innovative activity in education is the process of emergence and implementation of a new idea or gaining experience, and then transfer the idea to a specific educational product, innovative educational technologies or the quality of the educational process. It is defined as the process of transforming indicators into a service that allows employers, society and participants in educational services to raise them to a level that meets modern requirements.

The functional role of innovation

- Innovation - a channel for the implementation of the achievements of the human mind, scientific and technological results, increasing the intellectual activity, increasing its scientific intensity;

- The range of products and services produced through innovation is expanding, their quality is improving, which helps to meet the needs of each person and society and to meet these needs;

- Innovations allow to attract new productive forces to production, to provide services with less labor, materials, energy;

- The concentration of innovations in one area helps the system of reproduction to adapt to the structure of changing needs and the structure of the external environment[8].

The problem of developing certain components of the education system on the basis of an innovative approach involves 4 main aspects:

- Innovations in educational institutions of different levels;
- Innovations in the management of educational processes;
- design and modeling of innovation processes;
- Preparation of teachers for innovative activities[13].

The task of managing innovative development processes is to reveal innovative potentials and conceptualize the activities of all structures of all bodies interested in the development of innovative processes in education.

Effective tools for organizing innovative activities in education are:

- selection of innovative projects of educational institutions on a competitive basis;
- Examination and discussion of innovative ideas;
- monitoring the implementation of innovative products;
- project seminars;
- creation of a modern bank of innovative experience;
- Advising innovative teams[18].

At the intersection of innovative environments, new knowledge (actors) is created, which is used in the process of communication between the participants of innovative activities, which gives the system integrity and dynamic stability. The better their network collaboration is developed, the more communication resources are realized, the higher the innovation potential of the city, regional and federal economies, and the greater the potential for sustainable innovative self-development.

The innovative educational environment formed by teachers, students, administration in all educational institutions is to create new ideas, create new products, technologies, optimize the innovative potential of the individual needed to carry out fundamental and applied research, or is designed to encourage readiness for innovative activities in the professional field.

The innovative learning environment provides the following functions:

- formation of innovative powers;
- gaining personal experience in the development, dissemination and implementation of innovations;
- expanding opportunities for self-education;
- integration of scientific and business activities in the field of innovation;
- Participation in the implementation of promising innovative projects[11].

Today, innovative ecosystems are recognized as one of the most relevant forms of innovative collaboration.

Innovative ecosystem is a living social organism that is constantly changing under the influence of new motivations and external conditions of the participants, it is the process of self-organization and self-development of its elements. therefore, it is specific to living natural ecosystems and largely determines their sustainability. Innovative ecosystems - available resources (knowledge, competencies, time, etc.)

A successful innovation ecosystem through extensive internal communications ensures a consistent, integral transformation of an idea into innovation: research results, personal connections, and the flow of authority of system team members are resources integrated into a network of collaborations that facilitate the commercialization of innovation.

Modeling the educational field as a source of developing innovative strategies in modern education.

A distinctive feature of the development, upbringing and education of the individual is the development of new processes, new mechanisms for creating a learning space. The solution of the emerging educational problems is recommended to be considered in the framework of the process of active innovations in the creation of educational space as a space for socially active human activity, its simulation of natural and geographical space and socio-cultural components and takes into account the specific properties of ziga[8].

The development of innovations in the conceptualization of educational problems is crucial. Increasing the gaps that allow a person to engage in extracurricular activities in the field of bad, misconduct, auditing, additional education in the field of education is an innovation aimed at results of pedagogical, personal and social significance is an accelerated mechanism for increasing the effectiveness of educational capacity.

Innovations in education cannot be seen outside of such an important task as the formation of civic identity, which is the most important source of modern education.

Innovative strategies for the development of advanced "Technology" education

Innovative strategies for the development of advanced "Technology" education also serve as a topical innovation in the field of "Technology" education, so the development of scientific and methodological framework for the implementation of such an innovative plan is one of the main functions.

Advanced education involves changing the education system and training specialists on the basis of new principles of organization of the educational process, which depends on the innovative organization of approaches to organizational activities, the methodology of educational activities. From this point of view, the need to develop scientific schools capable of ensuring this complex and objectively defined process is manifested today as one of the main strategic directions of innovative processes in modern education[22].

Government support for innovative activities in the education system

The level of activity and intensity of innovation depends not only on the initial stages of the innovation process, such as research, but also on the financial support, which serves as an important factor in the introduction, implementation and production of new technologies.

Principles of state support of innovative activities

- measurement of the program approach and goals in the planning and implementation of government support measures;
- Priority use of market instruments and tools of public-private partnership to stimulate innovation;
- Targeted use of budget funds for state support of innovative activities[5].

A high level of problem was noted in the generalization of innovative activities.

That is, the topic of innovative projects sometimes does not fully take into account regional specificity, the logic of "innovative process - the development of educational activities" does not define the place of intersectoral cooperation, the activity of innovative sites and the introduction of their products is always high does not lead to qualitative structural changes and results.

The problem of training for the implementation of innovative activities

Special research is required to ensure the training and motivation of teachers expressed innovative activity:

- acceptance of innovations as a personal value, the need and confidence to work in an innovative mode;
- Acquisition of theoretical knowledge in the field of pedagogical innovations; to have practical skills and abilities in the use of innovative technologies techniques, methods, tools, educational technologies[14].

In short, innovative activity in the field of education today is a managed and systematically regulated process, the direction of which is determined by the priorities of state policy in the field of education.

The result shows that innovative activity in education will be effective if a set of conditions is created that include:

- Organizational and pedagogical conditions governing innovation processes;
- Improving the skills of tourists, staff, including the training of coordinators, administrative teams of innovative sites;
- scientific and methodological, which provides comprehensive support for innovative programs and projects;
- Coordinator of interaction between the subjects of innovative activity;
- pedagogy, which provides for the creation of a project-research environment, the readiness of subjects for innovative activities and the promotion of innovative activity of teachers, information and technological support[20].

Conclusions

Accordingly, the education system in the state contributes to the development of the above-mentioned innovative qualities of citizens, including certain modernization of the educational process, innovations in curricula and programs, as well as the functioning of all levels of education. should be aimed at expanding the component.

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