

Development Of Pedagogical Education System On The Basis Of Cluster Approach

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Abstract: *Today, certain tasks are being carried out in our country to improve the quality of education, its legal improvement, the content of education, the effectiveness of its methods and methods. The experience of countries with high intellectual potential shows that if the link and connection between science, education and industry is established, the training of qualified personnel in this area, their employment and the country's economy will be strengthened. It will be possible to make structural changes.*

Keywords: Pedagogy, innovation, pedagogical education, management activities, educational cluster, educational tool, innovative management system, educational process, training of qualified personnel, vocational training, innovative experience, didactic materials, pedagogical approach, and strategy.

Introduction

As the head of our state said in his congratulatory speech to teachers and educators on the occasion of Teachers' and Coaches' Day, science, education and upbringing are the cornerstone of development and the power that makes a country strong and a nation great. Therefore, great efforts and funds are being directed to the development of the education system in Uzbekistan, the training of qualified personnel. Qualitative changes are taking place in the activities of pre-school education, school and higher education systems, and research institutions.

We are the representatives of the enlightened people, who considered the teacher as great as the father and always respected him. When I say teacher, I mean people who are dearest and most respected to me, intelligent and modern, sincere and kind. Because this teacher taught us all and brought us up among our loving parents, - said the head of state at the beginning of the meeting. - Today we are laying the foundation for a new era of development of Uzbekistan. Our closest assistants are teachers and coaches, scientific and creative intellectuals.

It was emphasized that the life of every family, every child is connected with school, and this issue is the most important task of the state and society.

We all entrust the lives and destinies of our dear children to teachers and coaches. We must pay due respect to these honorable people, the guardians of such incomparable wealth, the creators of the future, - said the President.

It was noted at the meeting that the effectiveness of today's modernization processes, reforms and changes depends on school education and the training of a new generation of personnel. Therefore, a lot depends on school principals and teachers. They are dedicated people who spread education, culture and spirituality in rural and urban areas. Schools should be not only educational centers, but also cultural and intellectual centers of the community.

Materials and methods

It is known that in order to further improve the education system of the country, to accelerate the development of science, a draft presidential decree has been developed. The document was posted on the portal regulation.gov.uz and widely discussed in all regions, local councils and school communities with the participation of parents. It was noted that it is important to study modern curricula and teaching methods in the world and introduce them in secondary schools of our country. Based on this experience, the Ministry of Public Education has been tasked to develop a National Curriculum and implement it as a pilot project in the educational process from the 2021/2022 academic year.

In order to effectively implement the new methodology, all school teachers will be trained via video link with the participation of foreign experts. Most importantly, universities and institutes in the field of pedagogy will be involved in these processes, and the methodology of teacher training will be updated. Advanced textbooks in mathematics, physics, chemistry, biology, and computer science are also studied in depth abroad. It was noted that governors are personally responsible for economic issues such as repairing, beautifying and heating schools. It is also important to attract graduates who are unable to enter higher education to a particular profession or business. Therefore, starting from next year, it is planned to introduce the practice of determining the interest of boys and girls in the profession from the 7th grade and their gradual vocational guidance. The region's industrial, agricultural, and service enterprises will be attached to schools.

Therefore, the successful implementation of scientific and practical work related to the clustering of pedagogical education, the adaptation of existing technological and scientific infrastructure to the process to achieve their effectiveness, the full realization of this innovative process through the implementation of advocacy work. It will be necessary to enable them to realize that cooperation is mutually beneficial, to develop a well-thought-out strategy for the development of the cluster, methods and ways of successful project management, to create opportunities for rapid exchange of information between participants.

Result and discussion

The cluster model of pedagogical education development works in general areas related to teaching, creation of textbooks, increasing the scientific potential of pedagogical staff, integration of education and upbringing. Based on the content of the pedagogical education cluster and the specifics of the industry itself, it is advisable to organize in the following areas:

Pedagogical education consists of:

- 1) direction of education;
- 2) direction of educational aids;
- 3) direction of education and science;
- 4) direction of education and production;
- 5) direction of education management.

In the above classification, the activities of the field of pedagogical education are fully covered, and each area is interdependent. The content of these directions and networks includes all forms, methods and technologies of cooperation related to educational, scientific, methodological, educational tools and management between types of education.

1. Field of study:

- development of mechanisms for identification, classification and elimination of existing problems;
- Development of the mechanism of vertical and horizontal movement of educational and methodical potential;
- Management and quality control of lessons;
- Development and implementation of the simplest and most optimal mechanisms for determining the effectiveness of teaching methods;
- Establishment of interdisciplinary tutoring activities in the field of education.

2. Direction of educational aids:

- improvement of curricula and science programs;
- Enrichment and raising the level of textbooks, manuals;
- improvement of auxiliary literature and didactic support of lessons;
- Achieving effective use of information technology and pedagogical technologies.

4. Education and science:

- strengthening the integration between education and science;
- Establishment of interdisciplinary tutoring in the field of science;
- Increasing binary research in collaboration with teachers of secondary schools and secondary schools (preschools) (scientific developments are carried out by university professors, its implementation is carried out by secondary school teachers) ;
- Development of a mechanism to ensure the flow of scientific and pedagogical potential, depending on the needs.
- Improving the mechanisms of success in practice, taking into account the pace of development.

5. Direction of education management:

- Carrying out research work on innovative management of education;
- creation of a territorial management system that coordinates the interests of all types of education;
- Introduction of innovative methods and tools, information and communication technologies in management.
- Carrying out professional training of teachers based on practice and operatively providing feedback from stakeholders;
- creation of an environment for training future education specialists on the basis of internships with innovative experience;
- shortening the period of acquisition of professional skills by young professionals;
- creation of a new generation of teaching, educational and methodological, scientific literature, tools and didactic materials in pedagogical education;
- pedagogical education to increase scientific, scientific and pedagogical potential;
- Integration of intellectual resources around current issues of pedagogical education development;
- search for and apply to education various forms and types of education, science and pedagogical practice;
- Improving the mechanisms to ensure the continuity of education and upbringing;
- creation of opportunities for rapid interaction with preschool, secondary and higher education institutions and other applicants in the training of teachers;
- Scientific substantiation of the need for connection, connection and cooperation between the links of pedagogical education,

"Another important issue that always worries us is the behavior of our young people, in a word, their worldview. Today, the world is changing rapidly. Let the young people be in line with the requirements of their time. But at the same time, let them not forget who they are. "Let him shout and encourage us to remain true to ourselves. How can we achieve this? At the expense of education, upbringing and only upbringing," said the President.

Conclusion

The main idea of this work was the analysis of scientific pedagogical research, which identified the main features of the pedagogical process. These are, first of all, the goals and objectives of the pedagogical process, its main components, the tasks they perform, their importance, methods, forms and means for society and culture. The problem of improving the quality of education is also reflected in the growing demands on the intellectual and moral training of students in reformed secondary schools, changes in

the financial independence of educational institutions, serious competition in the market of educational services. we can say that it is an important issue.

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