



PRINCIPLES OF ORGANIZING DEVELOPMENT TRENDS OF MODERN EDUCATION BASED ON A CLUSTER APPROACH

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Abstract: *Today, the formation of electronic educational resources, the creation of modern educational tools, and the further informatization of education are considered urgent issues in the future teaching of computer science. This article discusses the principles of organizing the development trends of modern education based on the cluster approach.*

Key words: *computer, digital, technology, principle, multimedia, internet, cluster, information, education, system, resource*

In the education system of our country, activities are being carried out on a large scale to improve the education system based on innovative technologies, strengthen its national foundation, and raise the level of training of socially active and qualified competitive personnel to the level of world requirements. Qualitative changes in education and high efficiency, as a result of introducing positive innovations in this area, ensure quality and efficiency in education, and a process of pedagogical innovation is taking place.

In modern social conditions, in order to achieve the goal set in the educational process in higher educational institutions, to educate specialists with mature, respected professions and pedagogical competence, the President of the Republic of Uzbekistan Sh.M. Mirziyoyev said: "It is extremely important to solve one problem: this is the professional level of the teaching staff and professors, their specialized knowledge. In this regard, education, spiritual and educational maturity "It is

necessary to create an environment that actively supports the processes of forming real values" - these ideas were very relevant and timely.

One of the most important tasks of higher education institutions is to fully realize the professional potential of future specialists and, in connection with this, to form their own competencies. In our country, developing the creative abilities and pedagogical skills of future teachers, tactical and strategic approach to pedagogical activity, and increasing their professional activity based on the socio-psychological factor of forming the moral image of students, the motive of affiliation, are recognized as priority areas of education.

Based on the cluster approach, specific goals and objectives are set for organizing the pedagogical education process in the collaborative activities of educational organizations and increasing the effectiveness of the unit, and in order to foresee the strategy of activities, specific directions are determined on what principles it will be based.

Based on the principles of educational policy in our country and existing opportunities, the following principles of pedagogical education are proposed for organizing the collaborative activities of educational organizations based on a cluster approach:

natural connectivity - cooperation between entities based on a cluster approach, the naturalness of the issue of connectivity, that is, the objectivity of the issue of connectivity in terms of territorial, sectoral or functional aspects;

continuity and continuity - the formation of a chain of entities based on a cluster approach through mutual cooperation, each link forming the chain has its own specific tasks, and gaps in the continuity chain are not allowed;

consistency - the arrangement of entities in a single vertical line based on a cluster approach, while adhering to the tendency of step-by-step movement from bottom to top, from simple to complex;

Succession - the role of the cluster approach in the generational change, tutoring activities, and the systematic satisfaction of the subjects' need for qualified and capable pedagogical personnel (especially cooperation between general secondary educational institutions and higher educational institutions) as a result of the cluster approach to pedagogical education;

Modernity - the introduction of modern scientific achievements in the field into the system based on the cluster approach, the assimilation of advanced foreign experiences, and the rational use of information and communication technologies;

orientation - the orientation of each type of activity carried out within the framework of the cluster approach to a specific goal, the possibility of predicting and evaluating the expected results in advance.

commonality of purpose - the unification of subjects based on the cluster approach around a single goal in the global aspect, in addition to their own goals;

specificity of interests - the legal, social, and economic interests of each subject in the pedagogical education model based on the cluster approach;

mutual control - the formation of a single system of educational subjects united within the framework of the cluster approach model and the fact that each subject is interested in the smooth functioning of this system, the fact that an error or deficiency made in a particular subject affects the effectiveness of the activities of other subjects, the establishment of a system of mutual assessment of the activities of subjects.

Based on the content of education and training organized in an educational organization based on a cluster approach and the specifics of the field, it is advisable to organize it in the following areas:



These classifications fully cover the activities of the educational sphere carried out in an educational organization, and each direction is divided into branches. The content of these directions and branches includes all forms, characteristics, methods and technologies of cooperation between types of education related to educational, scientific, methodological, educational tools and management.

Improving the professional competence of teachers based on a cluster approach should serve students (pupils) to be creative, to develop effective professional skills. It has antagonistic, non-antagonistic (cooperative) and a number of other directions. Improving the professional competence of teachers and educators based on a cluster approach, which has been gaining importance in recent times, serves to reveal and study the essence of the content and modern creative approach to the activities of the managed object.

It would also be correct to understand the cluster approach to pedagogical education as a combination of forces to confront competition in the educational services market. The cluster approach to organizing the pedagogical education process assumes the qualitative satisfaction of a number of requirements to ensure competitiveness in the educational services market.

Since the main goal is to educate a competitive teacher and educator, who is the object and subject of the innovative cluster approach to the pedagogical educational process, in the current conditions, the expected results will be achieved only if the traditional activities of the teacher and educator are combined with the educational process, its structural aspects, design and organization, cultural, educational and management activities.

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