

Use of the Cluster Method in the Higher Education System

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In the decree of the President of the Republic of Uzbekistan No. PF-5987 of April 29, 2020, the creation of educational clusters is defined as a factor that ensures efficiency in the field. Creation of national and regional models of application of the cluster approach to pedagogical education, development of mechanisms for its implementation requires deep research of the problem by the scientific community. PF-4947 of the President of the Republic of Uzbekistan dated February 7, 2017 "On the Strategy of Actions for Further Development of the Republic of Uzbekistan", PF-5712 dated April 29, 2019 "On Approval of the Concept of Development of the Public Education System of the Republic of Uzbekistan until 2030", dated 08/2019 Decree No. PF-5847 of October "On approval of the concept of development of the higher education system of the Republic of Uzbekistan until 2030", Decree No. PQ-2909 of April 20, 2017 "On measures to further develop the system of higher education", Decree No. PQ-2909 of June 5, 2018 Decision No. 3775 "On additional measures to improve the quality of education in higher education institutions and ensure their active participation in comprehensive reforms implemented in the country" and other regulatory legal documents related to this activity

dissertation research serves a certain level.

Scientific and theoretical of the innovative cluster of pedagogical education in the world A number of fundamentals improvement, including the following scientific research is being carried out in priority directions...

Today, physical education and sports serve as the main means of educating young people, who are the future of the country, to be patriotic, committed to the development of the country, and socially responsible. In this regard, one of our main tasks is to develop physical education and sports, to solve problems in this field through philosophical, legal, sociological approaches, to prepare physical education and sports specialists as competitive personnel, and to improve their way of thinking. Approaching physical education and sports as one of the means of education is important in solving these problems. This factor is considered the basis of the formation of such feelings as national pride, pride for the Motherland, honor, honor of the country. The cluster model, which is effectively used in the production and service sectors of the economy of many developed countries of the world, is also being applied to other sectors due to its universal nature. In particular, the education sector is actively adopting the cluster model as a sector that enters into economic relations with the help of human capital.

A specific common goal of educational service providers

to increase their competitiveness by uniting around them

determines the content of the educational cluster and makes it scientific and pedagogical

Research as a problem is gaining urgent importance.

By many of the world's leading scientific centers and scientists creation of models of the educational cluster, its scientific-theoretical foundations and scientific on the development of implementation mechanisms research is being conducted. The problem of the cluster approach to

education Although it is general in nature, its practical application is a matter of science separately according to the specificity of the network and cluster area requires an approach. Because educational clusters are specific to science its implementation according to the network and specific geographical area ensures efficiency. In fact, in practically every country The current educational policy comes from modern and innovative requirements scientific-theoretical educational clusters corresponding to it demands the need to develop foundations and models.

Pedagogical education is modern due to its important social importance in the sustainable development of society requirements, system problems, and science and education in solving them Dissociation between the links today continuous pedagogic education determines the need to transfer to a cluster development model. In our country, the problem of pedagogical education cluster and its implementation in practice is being studied as a separate object of research in recent years. In particular, the new innovative direction related to integration and continuity in our educational cluster pedagogy and its implementation is a factor of competitive personnel training in pedagogical education G.I.Muhamedov, Sh.Q.Mardonov, Sh.Botirova, Kh.Sultonov, S.Toshtemirova, N .Koshanova, Q. Mahmudov's studies have been covered to a certain extent. In directions related to the problem, in particular: organizational-pedagogical factors of the continuous education system, mechanisms for improving the educational system in terms of content and form R.Eshchanov, G.Bobojonova, D.Bekchanov, M.Kuronov, R.A.Mahmudov, R.Sh.Ahliddinov , Yu.N.Abdullaeva; ensuring unity and continuity in education, strengthening the integration between types of education B.S. Organizational aspects of ensuring interdisciplinarity and scientific-methodical cooperation of educational institutions N.M.Abdullaeva, G.Sh.Fayzullaeva, O.K.Abdurakhmanov's research reflected in his studies.

The scientific-theoretical foundations of the organization of educational clusters in the countries of the Commonwealth of Independent States (CIS), in particular, the development of the structure and implementation mechanisms of regional educational clusters, the problems of implementing the cluster model in professional education A. Yashevoy, B. Pugacheva, A.G. Granberg, M.Galushkina, A.V.Leontev; technologies of theoretical and scientific methodical improvement of educational management by means of the cluster model N.V. Gorodnova,

P.F.Anisimov, G.I.Ibragimov, D.L.Skipin, V.P.Panasyuk, N.E.Egorov;

integration of production and education by means of a cluster

content, conditions and factors N.A. Mishura, L.L. Naumova;

capabilities of individual entities and cluster participants

education based on social cooperation that increases

integrated systems of resources organization A.S. Subetto,

By E.A. Korchagin, N.A. Sharay, L.N. Nikolaeva, T.V. Vdovinalar

researched. The role of the cluster model in increasing the competitiveness of certain entities, the unique typological features of the model of educational clusters are revealed in the research of foreign scientists A. Marshall, M. Porter, O. Solvel, G. Lindgvist, S. Ketels on the example of the USA and European countries. In foreign studies, educational clusters have been generally studied in areas such as regionalism, governance, competitiveness, science and industrial relations. The need to investigate the cluster model as a factor influencing effectiveness in a specific field of education, in particular, pedagogical education, determined the topic of our research.

Pedagogical education cluster is a mechanism that strengthens the integration of individual subjects with equal rights, technology and human resources in a harmonious relationship with each other in order to meet the needs of competitive pedagogical personnel of a certain geographical area.

Today, in the conditions of Uzbekistan, the creation of such a new mechanism in the higher education system has become a vital necessity, in which mutual control, competition, and satisfaction of interests should be ensured between the types of education. Due to the high social importance of higher education in the sustainable development of the society, modern requirements, problems in the system and the disparity between education, science and production sectors in solving them today make it necessary to transfer continuous pedagogic education to the cluster development model.

In conclusion, the first experiments on the cluster method of teaching are being carried out in our country. For this, it is necessary to carry out large-scale research works in the field of science.

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