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I.F. 9.1

# STRATEGIC DEVELOPMENT AND IMPROVEMENT OF EDUCATIONAL ACTIVITIES IN THE PRACTICAL ACTIVITIES OF PROFESSIONAL EDUCATION

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**Аннотация.** В данной статье представлена информация о стратегическом развитии и совершенствовании образовательной деятельности в практической деятельности сферы образования.

**Ключевые слова.** Высокое качество, профессиональное образование, стратегическое развитие, образовательная деятельность, совершенствование, интеллектуальная.

**Annotation.** This article provides information on strategic development and improvement of educational activities in the practical activities of Education.

**Keywords.** High quality, professional education, strategic development, educational activities, improvement, intellectual.

Today, knowledge of ICT allows the teacher to technically and technologically implement the teaching methodology at the digital level (by participating in the creation of teams of performers in the creation of mass online courses to develop e-learning resources on their own and place them in the national digital education environment);

- promote innovative activity of teachers through e-learning resource competitions, creative competitions on the use of the digital educational environment in the preparation of students; it is important to develop creative abilities of scientific and pedagogical personnel, encourage pedagogical innovation [6].

The development of the digital educational environment of Professional education and the improvement of the skills of scientific and pedagogical personnel creates all the conditions for digitizing professional education, which involves the individualization of the educational process

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I.F. 9.1

at the level of professional education and modernization, taking into account the expectations of each consumer group, and through ICT it is necessary to introduce

The task of modernizing education is being solved through a number of measures, including:

- Organization of professional development and training of personnel taking into account trends in economic development; this is facilitated by the design of an individual educational trajectory for each student using professional educational resources from the digital educational environment of the Republic;
- the addition of traditional educational methods with different types of activities in the digital educational environment, which ensures participation in the development trends of the youth subculture and allows students to create a more flexible regime of mastering the professional sphere;
- strengthen the spiritual and moral development of students by expanding the courses of "digital" selection aimed at universal values; support for informal education in an electronic environment, including attracting the placement of their professional education in the minds of young people;
- ensuring the possibility of using professional education for people with disabilities in terms of mastering the skills and qualifications of professional activities using virtual laboratory workshops and simulators;
- -support the creative development of talented students by accessing creative task databases and organizing interactive work of informal groups in a remote format;
- -Organization of training groups of students of various forms and courses within the framework of interaction with industrial enterprises in the electronic information and educational environment of the University, Organization of project-based training based on the involvement of leading practitioners as specialists.

The priority components under consideration for the digitization of Professional education and the use of the digital educational environment in professional education are the resources of the organization of education and the component of the organizational and pedagogical mechanism that ensures the integration of the space of digital education.

This mechanism involves the following steps:

- I. monitoring of the main segments of the external environment that determine the priorities of digitization of education in modern conditions.
- II. the formation of a strategy for the development of digital education in an educational institution, which will complement the general development strategy of professonal education,

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I.F. 9.1

allowing it to be competitive and strengthen its position as a center for training professional personnel for the needs of the region.

III. implementation of a strategy for digitizing professional education by maximizing the potential of the digital education environment, including: measures to increase the level of readiness of scientific and pedagogical personnel for the introduction of digital educational components; measures to improve the electronic information and educational environment of professional education; introduction of elements of professional education digital education should be used in the implementation of

Today, the traditions of high-quality professional education established in educational institutions of our republic are actively developing. Professional education scientific and methodological schools established for more than half a century, the active creative position of teachers of professional education and their orientation to finding new technologies and educational tools make it possible to organize the educational process taking into account all the achievements of pedagogical science, and the personal characteristics of each student are manifested on this basis.

The presented organizational and pedagogical mechanism is carried out to determine the goals of strategic development and improvement of educational activities in the practical activities of professional education. The need to improve the quality of education provided, the possibility of introducing service students and people with disabilities into continuing education, leads to the development of a digital educational environment within the framework of an open professional education strategy. The development of components of the digital educational of environment Professional education comprehensively reflects the methodological experience in mastering educational disciplines and the developed educational and methodological complexes. As a result, a wide range of opportunities are given to activate the independent work of students. First of all, the teacher can create the content necessary for the student to reach the heuristic or creative level of intellectual activity, including:

- interactive multimedia text pages with images, videos, slides, audio files, virtual lab;
- video lectures, which are written using special programs and are an option for lecturing in front of an audience;
  - knowledge testing tools;
  - control information flows of interaction with students and x.k. Lar enters.

This system provides for the implementation of flexible management of the process of professional development of students by adding tasks (including creative) aimed at analyzing their interests and level of training. Using the tools of this system, it is possible to organize

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I.F. 9.1

support for the transition from an individual educational trajectory until each student has achieved a unique, creative result in educational activities and regularly present information about recent achievements in the field of interest to students.

The organization of independent work of the reader is ensured not only by the relevance of the content, but also by the ability to work with it through free access to the internet using desktop computers, personal smartphones and tablets. Active work on the creation of online courses in one way or another allowed to cover more than 100 educational disciplines, more than 20 courses are enriched with a high level of methodological development, and the rest with the addition of content and tests.

Thus, the foundation will be laid for the digital educational environment of professional education to reach a qualitatively new level before moving on to the creation of publicly accessible online courses. The orientation towards the use of the digital educational environment in professional educational institutions is also achieved through the use of electronic resources in the leading professional educational institutions of the Republic and, first of all, is placed on the "national open educational platform" when mastering individual modules of the educational program.

The use of publicly open online courses makes it possible to significantly increase the effectiveness of independent work of students, in which each of them can increase their intellectual level in accordance with their needs and abilities, better prepare for the main types of professional activities and have additional powers beyond the curriculum.

Each of these results increases the graduate's competitive advantages in the labor market. An important area of digitization of education is the active use of electronic information and educational environment of professional education in the process of supporting professional self-determination of schoolchildren, which creates additional conditions for conscious choice of profession and stable internal motivation for education in professional education.

The proposed organizational and pedagogical mechanism for managing the development of digital education at the level of Professional education and the use of a digital educational environment in professional education makes it possible to improve the quality of training specialists in technical specialties. At the same time, professional education serves as a platform consisting of a complex of open online courses with all the possibilities to become a truly open professional education that can meet the educational needs of various groups of the population, including people with disabilities, and train qualified personnel for the innovative development of the region.

#### List of literature used

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**YOL.3 NO.6 (2024)** 

I.F. 9.1

- 1. Khasanov, A. A. (2017). Methods and methods of forming economic education through interdisciplinary communication through information technology. Journal, (3), 38.
- 2. Sharipov, D., Abdukadirov, A., Khasanov, A., & Khafizov, O. (2020, November). Mathematical model for optimal siting of the industrial plants. In 2020 International Conference on Information Science and Communications Technologies (ICISCT) (pp. 1-3). IEEE
- 3. Abdurashidovich, X. A., & Nigmanovna, M. F. (2019). Access to electronic educational resources in the education system. European Journal of Research and Reflection in Educational Sciences Vol, 7(12).
- 4. Hasanov, A. A. (2020). Peculiarities of preparing teachers for the development and use of e-learning resources. Theoretical & Applied Science, (9), 15-17.
- 5. Khasanov, A. A. (2018). Didactic Foundations of Interdisciplinary Connections at Subject Teaching. Eastern European Scientific Journal, (6).
- 6. Khasanov A.A., Khasanova S.S. Theoretical approaches to the creation of pedagogical concepts // American Journal of Pedagogical and Educational Research 10 (2023): 185-190.
- 7. Khasanova, S. S. D., & Khasanov, A. A. (2023). Theoretical approaches to creation of pedagogical concepts. Innovative Development in Educational Activities, 2(6), 16-22.
- 8. Abdurashidovich, K. A. (2023). Methodological foundations of understanding the essence of e-learning, theory and analytical aspects of recent research, 2(13), 90-96.
- 9. Tayirov J.U. A problem-based approach to integral teaching of mathematics // American Journal of Pedagogical and Educational Research. Volume 10, | Mar., 2023. ISSN (E): 2832-9791. Page 180-184.
- 10. Khojayeva, G. Oʻquvchilarning mustaqil fikrlash qobiliyatlarini rivojlantirish. Educational Research in Universal Sciences, (2023/11), 879–882. Retrieved from http://erus.uz/index.php/er/article/view/454
- 11. Khojayeva, G. Development of heurstic ability. Educational Research in Universal Sciences, 2023. 441–443. Retrieved from http://erus.uz/index.php/er/article/view/5005
- 12. Xoʻjayeva G.A. Raqamliy ta'lim sharoitida boʻlajak oʻqituvchilarni evristik qobilyatini rivojlantirish // "Raqamli pedagogika: holati va rivojlanish istiqbollari" mavzusidagi Respublika miqyosidagi ilmiy-amaliy konferensiyasi, 2023-yil 28-sentabr, TDPU. 462-464 b.
- 13. Xoʻjayeva G.A. Evrestik qobiliyatni rivojlantirishning // «Ta'lim sifatini oshirishni tashkil etish va uni boshqarish texnologiyalari» mavzusida xorijiy mutaxassislar ishtirokidagi Respublika ilmiy- amaliy konferensiyasi USAT-2023 yil, dekabr 581-584 b.

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**YOL.3 NO.6 (2024)** 

I.F. 9.1

- 14. Xoʻjayeva G.A. Pedagogik tajriba-sinov ishlarini tashkil etish // Raqamli texnologiyalar asosida ta'lim Jarayonini takomillashtirish» mavzusidagi xalqaro ilmiy-amaliy Konferensiyasi 2024 yil 28 mart. 359-363 b.
- 15. Xoʻjayeva G.A. Raqamli ta'lim sharoitida boʻlajak oʻqituvchilarda evrestik qobiliyatni rivojlantirishning shakl, metod va vositalari // Raqamli texnologiyalar asosida ta'lim Jarayonini takomillashtirish» Mavzusidagi xalqaro ilmiy-amaliy Konferensiyasi 2024 yil 28 mart. 332-333 b.
- 16. Asadullayeva M.A. Oliy ta'lim muassasalarida ta'lim sifatini baholash mexanizmlari // (2024) Educational Research in Universal Sciences, 3(2), 35-38 b.
- 17. Asadullayeva M.A. The effect of the heat source on the ambient density in the processes of non-linear heat propagation in multidimensional fields // International scientific journal «Modern science and research» VOLUME 2 / ISSUE 10 / ISSN: 2181-3906 2023, p. 892-899
- 18. Xasanov Abdushoxid Abdurashidovich, Asadullayeva Mavluda Asadullo qizi Oʻqitish metodikasini raqamli darajada texnik va texnologik jihatdan amalga oshirish // «Raqamli texnologiyalar asosida ta'lim jarayonini takomillashtirish» mavzusidagi xalqaro ilmiyamaliy konferensiyasi USAT 2024 yil 28-mart, Ilm-fan T.-2024, 204-205 b.