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Abstract: This article will discuss ways to use distance learning and psychological function of methodological support based on portal technologies in the educational process.

Keywords: Prezi, MyTestX, Potato, Phet, Yenka, Camtasia Studio, Ocam, BandiCam, Power Point.

PEDAGOGICAL AND PSYCHOLOGICAL FUNCTION OF METHODOLOGICAL SUPPORT BASED ON PORTAL TECHNOLOGIES

The software platform of modern information and methodological support based on portal technologies allows for the following: individualization and differentiation of the educational process. control and orientation of educational activities; saving educational time through the use of computer computing capabilities; visualization of educational materials; modeling and imitation of the studied processes and phenomena; self-control of students; formation of optimal decision-making skills in various situations; development of a specific (visual-figurative, theoretical) form of thinking; increasing motivation for learning; formation of a culture of cognitive activity.

The pedagogical and psychological function of methodological support based on portal technologies is to present educational materials in a hypermedia environment, distribute educational material using teaching tools, and organize didactic communication between students and teachers. As a result of the research, pedagogical-psychological, didactic, methodological and technical requirements for creating educational and scientific resources based on portal technologies were developed, taking into account the taxonomy of hard skills, soft skills, reproductive-methodical, productive-methodical, scientific-

methodical activities. And also, as a form of presentation of educational and scientific resources, the following are defined: components of normative documents, definitions of the main content, didactic and methodological components, are also additional components and estimates. Electronic textbooks are defined as the same means (AutoPlay, Articulate), electronic presentations (Power Point, Prezi, Focusky), computer-advanced multimedia training systems (iSpring, Potato, MyTestX, etc.), educational and informational audio materials; educational and informational video materials (Camtasia Studio, Ocam, BandiCam, etc.); virtual laboratory work (applications Phet, Yenka); databases and knowledge; electronic libraries.

Based on the results of the research of the dissertation work on the topic "Portal technologies for implementing information and methodological support for educational processes", the following main conclusions are presented:

1. Such types of activities as scientific assistance to the development of the education system, informatization of the education system, information, organizational, methodological, consulting spheres of the educational system of education, creation and development of information and methodological support based on portal technologies based on the principles of purposefulness, integrativity, integrity, completeness, openness, adaptability, continuous development, modularity, reliability, convenience, security, free management, mobility, standardization, contribute to the creation of a unified information system. improving the educational environment of higher education institutions and improving the quality of education.

2. The structures and software platform of the portal, which makes it possible to systematically implement information and methodological support for educational processes and optimally present integrated educational and scientific resources on the subject, contribute to the gradual formation of a

unified information environment of higher educational institutions and increase the intensity and automation of information exchange in other processes.

3. Regulatory documents are identified as a form of presentation of educational and scientific resources based on portal technologies, didactic, methodological, evaluative and additional components and a component that determines the main content, as well as electronic textbooks, electronic presentations, training computer multimedia systems, educational and informational audio materials, educational and informational video materials, virtual educational materials. laboratory works, simulators, databases and knowledge, electronic libraries;

4. A methodology for using portals has been developed based on the example of the discipline " Information Technologies in Education" as a necessary condition for ensuring the quality and efficiency of the educational process based on portal technologies.

5. Training sessions on the subject "Information technologies in education" were held at the facilities selected on the basis of the program of experimental work, as well as experimental work was carried out and criteria for assessing the competence of using a standard portal that allows you to present educational and scientific resources in a timely manner were developed.

6. Experimental work was carried out on the basis of scientific ideas and methodological recommendations on the use of portal technologies for implementing information and methodological support for educational processes in the future. The expediency of the ideas put forward in the study using the methods of mathematical statistics of experimental work data processing was confirmed, in addition, it was proved that in the experimental groups, the competence of students to use educational and methodological support increased by 15% relative to the students of the control group.

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