

Список використаних джерел:

1. Маслюк Ю. А. Проблеми використання інформаційних та комунікаційних технологій у навчальній діяльності. *Інновації в освіті*, 2006. № 1. С. 117–123.
2. Кухаренко В. М., Рибалко О. В., Сиротенко Н. Г. Дистанційне навчання: умови застосування. Дистанційний курс : навч. посібник Вид. 3-є. Харків, 2002. 320 с.

Tetiana KOSTROVA

*the 4th year student (bachelor program) of
specialty 015.16 “Professional education (Service sector)”,
Higher Education Institution “Ukrainian Engineering
and Pedagogical Academy”,
Kharkiv*

*Scientific supervisor: Maryna PASICHNYK
Senior Lecturer, Department of Foreign Language Training, European
Integration and International Cooperation,
Higher Education Institution “Ukrainian Engineering
and Pedagogical Academy”,
Kharkiv*

VIRTUAL SPACE IN THE EDUCATIONAL ENVIRONMENT OF MODERN HIGHER EDUCATION INSTITUTIONS

The article is devoted to the analysis of the definitions “educational space” and “virtual educational space of higher education institution” in the context of research methodology. The multifaceted nature of the virtual educational space has been assessed at several levels – institutional, functional, and technical. It is defined the peculiarities of the “virtual university” as a modern educational institution and the components of its structure (technical (telecommunication) environment; information and communication environment; educational and methodical environment; administrative and management environment). The main ways of forming the virtual educational space in the context of its

environments construction are: information environment; technological and digital environment; communicative environment and educational support, which provides educational sphere of measurement. The information environment of a higher education institution is presented as a set of information (regulatory and administrative, scientific, educational, sociocultural, and advisory), which is produced and promoted within the global, regional and local space as its own intellectual product. The basic principles of information environment– openness, accessibility, flexibility, safety, mobility and adaptability of information are highlighted. The use of resource software capabilities of the learning management system is the way to the formation of technical and digital environment of virtual educational space. Communicative environment of the virtual educational space in a higher education institution promotes the creation of various forms of communicative and social interaction of education participants [1, 110-114].

Virtual space in higher education (HE) is an important tool that promotes access to education and knowledge exchange in the digital era. With the rapid advancement of technology, virtual space has become an integral part of the educational landscape. It enables HEIs to reach a wider audience and provide educational opportunities to learners who may not have access to traditional brick-and-mortar institutions. Virtual space offers various forms of digital resources, such as online courses, webinars, virtual lectures and workshops, and e-textbooks, which can be accessed by learners from anywhere in the world. Virtual space in HE offers new opportunities for organizing the educational process. HEIs can leverage virtual space to design and deliver innovative educational programs and experiences. Online courses, for example, provide learners with the flexibility to study materials and complete assignments at their own time and pace. Virtual space also allows for interactive and multimedia-rich learning experiences, offering a wide range of engaging and immersive educational resources.

Virtual space contributes to the flexibility and mobility of the educational process. With virtual space, learners have the freedom to access educational resources and engage in learning activities from any location, using various devices such as computers, tablets, or smartphones. This flexibility allows learners to balance their studies with other commitments, such as work or family responsibilities, and provides opportunities for lifelong learning. Virtual space facilitates communication and collaboration opportunities. Virtual classrooms, discussion boards, and online forums enable learners to interact with their peers, exchange ideas, and work on group projects. This fosters a collaborative learning environment, where learners can learn from each other, share perspectives, and develop teamwork skills. In addition, virtual space provides opportunities for communication and collaboration with experts and professionals from different fields, enriching the learning experience.

Virtual space enhances the accessibility of education. Virtual space can break down barriers to education by making it accessible to learners with disabilities, learners in remote or rural areas, and learners with other constraints. Virtual space offers options for adaptive learning, accommodating different learning styles and needs. It also provides opportunities for learners to access educational resources in multiple languages, further enhancing accessibility for diverse learners. Virtual space in the educational environment of modern higher education institutions:

- extends beyond traditional classroom settings, providing opportunities for remote and distance learning, lifelong learning, and continuous professional development;

- presents challenges in terms of digital literacy, technical infrastructure, and ensuring equity and inclusivity in online learning environments;

- requires effective pedagogical strategies, instructional design, and assessment methods to optimize learning outcomes and ensure quality education;

- is continually evolving, driven by technological advancements and changing educational needs, necessitating ongoing research, innovation, and adaptability;

- has the potential to revolutionize traditional education models, expanding access, enhancing learning experiences, and preparing students for the digital age and future ;

- is a dynamic and promising area that warrants further exploration, experimentation, and integration into pedagogical practices to maximize its potential for improving education;

Virtual space in the educational environment of modern higher education institutions can:

- foster global collaboration and cultural exchange, providing opportunities for students to connect with peers from diverse backgrounds and engage in cross-cultural learning experiences.

- enhance accessibility for students with disabilities, providing inclusive learning opportunities and accommodating diverse learning needs;

- facilitate personalized and self-paced learning, allowing students to customize their learning experiences based on their individual interests, preferences, and learning styles;

- support lifelong learning, enabling learners to access educational resources and participate in courses or programs beyond their traditional academic years.

Research perspectives on virtual space in the educational environment of modern higher education institutions include:

1. Studying the effectiveness of using virtual space for educational purposes. Further investigation into how virtual space impacts learning processes and outcomes can help determine its effectiveness and identify strategies for its optimal use.

2. Exploring the design of virtual space for educational needs. Developing optimal designs for virtual space, including interfaces, navigation, visual, and auditory aspects, can improve user satisfaction and effectiveness, including for students and educators.

3. Investigating interaction and social dynamics in virtual space. Studying interactions among participants in virtual space, community formation, communication, and social dynamics can provide insights into how virtual space can support collaborative learning and collaboration.

References:

1. Безуглий А. І. Віртуальний університет: проблеми створення і функціонування. *Сучасні інформаційні технології та інноваційні методики навчання в підготовці фахівців: методологія, теорія, досвід, проблеми*. 2016. Вип. 46. С. 110–114.

Оксана ЛЯСКА

*кандидат психологічних наук, доцент,
доцент кафедри права, професійної та соціально-
гуманітарної освіти,*

*Заклад вищої освіти «Подільський державний університет»,
м. Кам'янець-Подільський*

Василь ГОЛІНЕЙ

*здобувач вищої освіти
ОНР «доктор філософії» зі спеціальності
«Професійна освіта»,*

*Заклад вищої освіти «Подільський державний університет»,
м. Кам'янець-Подільський*

ЯК СТВОРИТИ ЦІКАВИЙ ІНТЕРАКТИВНИЙ КУРС ДЛЯ СТУДЕНТІВ В ЦИФРОВОМУ НАВЧАННІ

Здобувачі успішно навчаються в цифровому освітньому середовищі освітнього закладу, якщо відчують переживання задоволення при відсутності переживань напруженості. Якщо цифрове середовище