



## THE IMPORTANCE OF OPEN LEARNING ENVIRONMENTS IN THE PROCESS OF TEACHER PREPARATION

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**Annotation:** *The article reveals the concept of an open educational environment, its role in the modern educational process, and its importance in improving the qualifications of future teachers. Recommendations for the effective use of open educational resources and technologies are also provided.*

**Keywords:** *open educational environment, open educational resources, distance learning, information technology, teacher training, competence.*

In today's era of globalization and the development of digital technologies, the education system is unimaginable without an open educational environment. An open educational environment is a space based on information and communication technologies that provides free access and use in the educational process for all students and teachers [1].

The importance of an open educational environment is that it expands the opportunities for future teachers to self-develop, master innovative knowledge, and use global educational resources [2]. Using such an environment in the process of training future teachers develops their pedagogical and digital competencies.

An open educational environment is a system consisting of online platforms, virtual libraries, MOOC courses, and other electronic resources. Its main principles are as follows [3]:

- open access – the ability to study without geographical or time restrictions;
- flexibility – the ability to choose a curriculum that suits the student's needs;
- interactivity – real-time communication and exchange of experiences.

Open learning environments provide future teachers with:

- a variety of resources – e-textbooks, video lessons, methodological guides [4];
- practical skills – pedagogical practice through online laboratories and testing systems;
- mastery of innovations – learning modern educational technologies;
- self-development – the opportunity for independent learning.

Open learning environments are an integral part of the modern pedagogical process and play a significant role in the training of future teachers. When open learning environments are integrated into the educational process:

- the quality of education increases significantly, as students have access to international experience and advanced pedagogical approaches.
- professional competencies are developed, in particular, the skills of using information and communication technologies, independent learning, and creative approaches are formed.



• pedagogical flexibility increases, which allows teachers to work effectively in various conditions, including distance or hybrid education.

In addition, an open learning environment provides the following strategic advantages:

1. Equal access to knowledge - provides access to the same quality educational resources for all students, regardless of geographical location or financial capabilities.
2. Testing innovative teaching methods - preparing students for real-world practice through virtual laboratories, simulation technologies, and interactive modules.
3. Adaptation to constant change - preparing future teachers for new pedagogical approaches through the ability to quickly update educational programs and teaching materials.

At the same time, the following factors are important in the effective implementation of an open learning environment:

- development of technical infrastructure (fast internet, modern computers and multimedia tools).
- digital literacy training for teachers and students.
- integrating elements of open learning environments into curricula and aligning them with national education standards.

In conclusion, the proper organization and rational use of open learning environments will raise the quality of training future teachers to a new level. This will serve to form pedagogical personnel with modern knowledge and skills, who are not only competitive, but also able to find their place in the international labor market.

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