## FİLOLOGİYA

https://doi.org/10.59849/3006-1342.2024.1.144 UDC 37

> S.S.Mammadova Complete secondary school № 4 Ganja city, P.Samadov street, 1 E-mail: <u>msebuhi525@gmail.com</u>

#### AN INNOVATIVE APPROACH TO INTERNET-BASED TRAINING

Distance learning is a form of education in which students are not required to be physically present. Instead, it allows students to study materials, listen to lectures or participate in seminars outside of class, using different technologies, services, and platforms.

Some people mistakenly equate the remote format with online, but this is incorrect. The Internet is one of the methods of organization on a par with independent study in the correspondence department at a university. In this article we will look at what principles the process is usually based on, what types of courses there are, what methods are used in educational programs.

*Key words:* distance education, innovative methods, internet, modern technologies, training process

With the development of technology, many different types of distance education have appeared, each of which has its own limitations and advantages. From online courses to virtual reality training, curriculum creators and corporations have plenty to choose from. Let's look at the most popular and innovative types.

Online courses

This is the most common type of distance education now. Most edtech projects are built in course format. They use different approaches, tools, methods, types of lessons. For example, this could be mass accessible training without limits on the number of participants, group, paired or individual lessons. Some experts or schools use recorded lessons, others use webinars.

#### Pros:

Accessibility: Anyone with internet access can take them. Students do not need to travel to the other side of the city, coordinate time with the teacher, or arrange their schedule.

Flexibility: The electronic format allows students to complete lessons at their own pace. You can study at any time in a convenient place.

Varied content: usually courses consist of a series of video lectures, materials, tests, and interactive classes that are conducted on an online platform.

Prices: This format is usually cheaper than full-time programs, and some courses are free.

Internationalization: being in a small city, you can take lessons from top experts from anywhere on the map.

Minuses:

Limited interaction: Early classes may lack feedback and communication with teachers and other students, making it difficult to ask questions or evaluate your progress.

Low completion rate: This is the downside of flexibility – staying motivated and completing the course is much more difficult.

Validation: Although some educational programs provide certificates, they may not be recognized by employers or educational institutions. Students can easily cheat when taking tests on exams, which is why not everyone trusts such courses.

A well-thought-out model of joint activity between teacher and students.

Development depends on the behavior of a wide range of actors who influence each other in various ways. This leads to results that cannot be fully predicted or controlled. In such an environment, we need to learn effectively and innovate on an ongoing basis.

Through a collaborative approach to learning and innovation, we can combine local and external knowledge. This leads to a deeper understanding of the context in which Helvetas operates and how we – together with our partners – can improve our work.

We do this by creating and supporting opportunities for collective reflection on existing knowledge and experience, producing results to support further learning, and taking innovative action based on that learning.

Helvetas is committed to working in a manner that promotes collaboration, respects diversity and promotes modern development practice. We create and develop such capabilities at the individual, group and organizational/network levels – through knowledge sharing, innovative online and customized facilitation approaches, tailoring participatory tools and methods to meet specific needs and thematic recommendations.

### What do we offer

• Many years of experience in knowledge management for development

• Support in the development and implementation of knowledge management strategies to enhance the effective use of knowledge

• Fostering deep collaboration through participatory processes both online and face-to-face

• Training and capacity development in Project Cycle Management (PCM) to manage quality and enhance impact

• Development and training for monitoring and evaluation: monitoring systems and plans; making report; expert assessments; assessments; impact assessment; capitalization of experience

• Enable real-time experience capture through social reporting/multimedia reporting (collaborative or collaborative reporting)

• Strengthening networks and projects through development, facilitation and training for e-collaboration and web platforms

• Maximizing competency development through blended learning approaches, e.g. digital and face-to-face training, webinars, live streaming, training for Helvetas employees and partners, as well as for other organizations, projects and networks.

Distance learning involves the use of pedagogical technologies that are focused on group work of students, collaborative learning, active cognitive process, and work with various sources of information. These technologies most effectively solve the problems of student-centered learning. Schoolchildren and future students receive a real opportunity, in accordance with their individual abilities, to achieve certain results in various fields of knowledge, to comprehend the knowledge they receive, as a result of which they are able to form their own reasoned point of view on the problems that have arisen.

There are various technologies for distance learning on the Internet:

- Collaborative learning.

- Cooperative learning technologies.

- Project method.
- Problem-based learning technologies.
- Individual and differentiated training.
- Modular training.
- Gaming technologies.
- Internet-oriented pedagogical technologies and others.

Forms of distance learning – projects, courses, olympiads, electronic conferences and forums – are carried out on the basis of the use of telecommunication technologies, which differ from their face-to-face counterparts due to the integration of information and pedagogical technologies.

In many cities and regions of our country, conditions have been created to use this educational system. They can take full advantage of the rich information and telecommunication capabilities of the global network.

Distance learning uses many different technologies, approaches, and tools. It allows creators of educational products to develop skills regardless of direction. In this section, we will analyze the most popular techniques that can be implemented separately or combined in your educational products.

Distance learning is an innovation for educational institutions, causing increased interest in studying this topic. Distance learning, as an innovation in education, forces you to act, search, accept and study the experience of colleagues from other schools of the country, get acquainted with the experience of working on this problem in foreign countries.

The principles of accessibility, flexibility, interactivity, personalization, engagement and feedback help achieve efficiency. They help create a productive learning environment that meets the needs of each student.

## LITERATURE

- 1. Application of an artificial neural network to evaluate the integration effect of quality education and skill education. International Journal of Emerging Technologies in Learning (iJET), 16 (2021), pp. 218-232
- 2. Katsanos, C.; Tselios, N.; Avouris, N. InfoScent evaluator: A semi-automated tool to evaluate semantic appropriateness of hyperlinks in a web site. In Proceedings of the OZCHI 2006, Sydney, Australia, 20–24 November 2006; pp. 373–376.
- 3. Maker-centred in classroom learning: Metamorphosis of primary education in Malaysia. Journal Pendidikan Bitara UPSI, 14 (2021), pp. 119-127
- 4. Obendorf, H.; Weinreich, H.; Hass, T. Automatic support for web user studies with SCONE and TEA. In Proceedings of the Conference on Human Factors in Computing Systems (CHI), Vienna, Austria, 24–29 April 2004.
- 5. STEM teaching for the internet of things maker course: A teaching model based on the iterative loop. Sustainability, 12 (2020), pp. 5758

UOT 37

S.S.Məmmədova 4 saylı tam orta məktəb

# İNTERNET ƏSASLI TƏLİMƏ İNNOVATİV YANAŞMA XÜLASƏ

# Açar sözlər: distant təhsil, innovativ metodlar, internet, müasir texnologiyalar, təlim prosesi

Təhsil həmişə zamanın tələblərinə cavab verməlidir. Günün tələbləri innovativ təlim texnologiyalarından, innovativ texniki vasitələrdən istifadə etməklə yeni tədris mühitidir ki, bunun sayəsində siz artıq bilik əldə edə, dünyanın istənilən yerində, istənilən təhsil müəssisəsində təhsil ala, imtahan verə və bütün dünyada tanınan sertifikat ala bilərsiniz. Bu gün distant təhsil təkcə təhsil müəssisəsini seçmək və təhsil almaq deyil, həm də başqa qitədə işləmək və ya təhsil almaq istəyən hər kəsə kömək edəcək.

Daxil oldu: 22.11.2023-cü il