L. Lysiankova, D. Bokach
Л.В. Лысенкова, Д.В. Бокач
БНТУ (Минск)
Научный руководитель Е.И. Михасик

DIGITAL TRANSFORMATION IN SOCIETY: INNOVATIVE APPROACHES TO LEARNING AND SKILLS DEVELOPMENT OF THE FUTURE

Цифровая трансформация в обществе: инновационные подходы к обучению и развитию навыков будущего

Purpose: to consider innovative approaches to learning in the face of rapid digital change; highlighting the skills of the future.

Innovative approaches to learning:

1. Blended learning. Blended learning is a pedagogical approach that thoughtfully integrates face-to-face classroom learning with online learning experiences [1]. This increases the flexibility and accessibility of education for all segments of the population, allowing students to learn at their own pace. The most commonly used cloud-based conferencing platform for online learning in CIS is Zoom.

2. Personalised learning. Many educational platforms include the ability to collect and analyse student data to create personalised learning sessions. Educational platforms allow creating a community where students and teachers mutually support each other and teach knowledge and skills in demand today [2]. The most popular educational platform in the CIS countries at the moment is Miro.

Miro is an online platform for collaboration and real-time visual thinking that allows teams and individual users to create interactive whiteboards (of infinite size) for brainstorming, planning and visualising ideas. It has templates for different tasks (mind maps, roadmaps, etc.), integrates with many tools (Google Drive, Microsoft Teams, etc.).

3. Gamification. Gamification is an opportunity to introduce game elements into the educational process to increase motivation and engagement. Classes can include online games, simulations, contests. This approach develops critical thinking and problem-solving skills. According to a study published on axonpark.com in 2023, «How Effective is Gamification in Education? 10 Case Studies and Examples», the level of gamification in education is growing by 28 % annually [3].

4. Mobile learning. The approach is characterised by the ability to use mobile applications and platforms to access learning materials and courses anytime and anywhere. The most popular mobile application in the Republic of Belarus at the moment is GetCourse.

Educational platform Future Hub conducted its own analysis in 2021 and compiled a list of future skills that every employee must possess: digital literacy, prompt engineering, blockchain expertise, metaverse expertise, digital etiquette, cybersecurity, trendwatching, timelancing, Futures Studies, scientific and media literacy, decision-

making, framing, foresight, sensemaking, digital environment management, work life blend, health management [4].

Research results: the digital transformation of society requires educational institutions to adapt and implement innovative approaches to learning.

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D. Maksimova
Д.Д. Максимова
АУпПРБ (Минск)
Научный руководитель А.В. Герцева

THE USE OF ARTIFICIAL INTELLIGENCE IN PUBLIC ADMINISTRATION

Использование искусственного интеллекта в государственном управлении

Since the 1960s, digital innovations have spread around the world in successive waves emanating from the scientific epicenters of the USA, Europe and the USSR. In the mid-1990s, the spread of the Internet, mobile communications, social networks, and the advent of smartphones led to a rapid increase in the use of technology by end consumers. The pace of development and the rate of change of such processes increased significantly in the 21st century due to the rapid development of fundamental and applied science, automation of management tools for complex organizational and technical systems.

The increase in volume and the expansion of the range of tasks solved by humans has led to the use of computer technology, information technology, and the emergence of artificial intelligence.

Artificial intelligence is an artificial system that simulates the solution of complex tasks by a person in the course of his life.

Intelligent machines can be used in many industries. One of the areas in which artificial intelligence is used is public administration.