



MODERN EDUCATIONAL TECHNOLOGIES, METHODS, INNOVATIONS AND EFFECTIVE PRACTICES IN PEDAGOGICAL EDUCATION

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Abstract. This article explores a model for transforming students' knowledge of literature within the framework of modern teacher education, which is focused on developing the spirituality, intellectual, and creative abilities of future professionals. The emphasis is on individualizing instruction, taking into account the unique characteristics of students, and implementing innovative methods such as case studies, Round Robin Brainstorming, streaming, Flash technology, and virtual reality (VR).

Keywords: modern educational technologies; innovations; knowledge transformation.

The modern teacher education system is undergoing a period of active digitalization, leading to the emergence of new forms, methods, and technologies for teaching. The transition to hybrid and distance learning models, the widespread use of online platforms, the introduction of artificial intelligence, augmented reality, and virtual reality are all shaping a new educational space where interactivity and individualized learning play a key role. In the context of the modernization of teacher education in Uzbekistan, innovative approaches aimed at enhancing the professional competence of future specialists and mastering digital learning tools are becoming particularly relevant.

One of the key components of the model for transforming students' knowledge of literature is the individualization of the educational process. Each student is unique, and their abilities, level of understanding, and interests can vary significantly. Therefore, it is important to provide students with the opportunity to choose their learning methods, work formats, and learning pace. For example, some students may prefer an analytical approach to literature, while others prefer an emotional or creative one.

To successfully implement the model for transforming students' knowledge of literature, it is also necessary to actively utilize modern educational technologies. The use



of interactive methods such as case studies, Round Robin Brainstorming, streaming, Flash, virtual reality (VR), multimedia resources, online platforms, and other innovative learning tools facilitates deeper understanding and retention of the material. It is also important to encourage students to work independently, for example, through research projects, discussions, and creative assignments.

The **case study method** is widely used in various forms of education, including distance learning, where case studies can be incorporated into online courses through video assignments, interactive case studies, discussion forums, and more [1, p. 52]. In interactive practical and seminar classes, cases can be used to stimulate discussion, collaborative problem solving, and the practical application of theoretical knowledge. Students can study and analyze cases independently, preparing reports or presentations based on the cases. The case study method is ideal for teaching literature because it allows students to analyze specific situations from literary works or the real lives of characters, developing critical thinking and emotional intelligence. Through discussions of text-based cases (for example, moral dilemmas in the novels of Dostoevsky or Tolstoy), students transform their knowledge into personal convictions, which fosters spiritual development and intellectual growth. Research confirms that this approach increases engagement and helps apply literary insights to ethical issues of modern life.

Round-Robin Brainstorming, or the circular brainstorming method, involves the pace and sequence of ideas expressed by group participants [1, p. 55]. It can be successfully applied in various learning settings. Round-Robin Brainstorming can be used in group seminars and discussions to organize discussions among participants one by one. This method is suitable for open seminars and roundtables on a variety of topics. Round-Robin Brainstorming can be an effective teaching tool because it promotes creativity, communication, and critical thinking. Discussing each student's idea, multiple points of view, and arguments can foster analytical thinking, critical analysis, and evaluation of the presented solutions. This method encourages collaborative creativity in group discussions of literary topics: each student shares ideas (for example, interpretations of a character or associations with the text) in a circle, ensuring equal participation, developing creativity and



respect for others' opinions, and promoting intellectual and spiritual enrichment through dialogue.

Streaming is a technology for transmitting data in real time over the internet. It is not just a method, but an entire technology that allows for the transmission of audio, video, or other multimedia data without the need to download and store it on the user's device. Streaming technology ensures continuous playback of content during transmission, allowing users to watch videos, listen to music, participate in webinars, and study online without downloading data to their devices. Streaming is used in various fields, including video streaming platforms (YouTube, Netflix), music streaming services (Spotify, Apple Music), webinars, online education, game broadcasts, radio broadcasting, etc. Streaming technology requires fast data transfer and dedicated server resources to ensure high-quality playback and minimize delays in information transmission [3, p. 72]. This method enriches the study of literature with visual interpretations (films, TV series based on classics), increasing motivation and helping students gain a deeper understanding of the emotional and spiritual subtext of texts, especially in an individualized format where each student chooses the appropriate content.

Flash technology can be applied in various forms of training. In distance learning, it can be effectively used in online courses through interactive flash cards, tests, and self-assessment assignments. Flash is a technology developed by Adobe Systems for creating interactive multimedia applications, websites, animations, and games. Flash has been widely used in the past to create animations, interactive elements on websites, and web applications. The Flash method can be included in interactive practical classes and seminars. Training materials in Flash format can be provided for independent study and assimilation of the material. The Flash method provides the opportunity to improve the learning process and enrich the educational material using interactive and multimedia elements [4, p. 38].

Virtual reality (VR) is a cutting-edge technology that can be successfully applied to various forms of education. Organizing practical classes and lectures in virtual reality allows students to immerse themselves in a virtual space and interact with the learning material more interactively. Organizing virtual excursions and trips to explore different places,



cultures, and historical locations allows students to immerse themselves in the atmosphere and learn about the history and culture of a particular people. Creating virtual scenarios allows students to participate in key events in a work, making decisions and influencing the plot. Personalized learning is tailored to the specific needs of each student in a virtual environment. The use of virtual reality in education opens up new possibilities for interactive and effective learning, allowing students to immerse themselves in the learning process and improve their understanding of complex concepts [2, pp. 118-120].

Contemporary methods of teaching literature in teacher education, including individualized learning, case studies, Round Robin Brainstorming, streaming adaptations, Flash technology, and virtual reality (VR), together form a powerful student-centered model that radically transforms the process of knowledge acquisition, making it deeply personal, emotionally charged, and focused on developing the spiritual, intellectual, and creative abilities of future professionals. Together, these methods, supported by recent research, overcome the passivity of traditional learning, making the process active, immersive, and harmoniously developing the individual, with moderate to significant effects on motivation, intellect, and creativity. Although success depends on teacher training and access to technology, the model ultimately prepares professionals capable of bringing the spiritual and cultural values of literature to the modern world.

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