

# TRAINING FUTURE TEACHERS IN THE CONTEXT OF EDUCATION DIGITALIZATION

**Sherniyazova Jamila Elmuratovna**

Doctoral student

Nukus State Pedagogical Institute named after Ajiniyaz

**Annotation.** This article provides information and instructions on the use of modern innovative pedagogical technologies in the field of pedagogy. In particular, Google Classroom for distance learning and its importance in the field of education and pedagogy are discussed in detail.

**Key words:** pedagogical technology, modern innovative technology, distance learning, ICT, Google Classroom.

In the context of today's globalization, digital transformation, and the increasing popularity of innovative approaches in education, the effective use of modern technologies in the training of teaching staff has become one of the important tasks. The world has entered the era of globalization, and competition for the creation and implementation of new technologies has begun in developed countries. Therefore, the most appropriate technology adoption policy for developing countries is to develop the ability to adopt through technological change efforts in the sense of learning, adapting, and possibly improving existing technology aimed at achieving a competitive advantage. One of the most effective ways to master this technology is to implement the technology in the world of education.

Currently, there are large-scale changes in the field of creating, transmitting, and using information, developing virtual relationships, and transforming the information environment, which will undoubtedly help transform modern education. All these innovations help not only to promptly and effectively convey any information to all participants in the educational process, but also to learn.

A modern teacher must have a good knowledge of digital technologies and ICT. Digital educational technologies are transforming the life of society as a whole and its professional sphere, transforming it not only as a tool but also as a modern person and specialist. Implementation of individual education in the process of training future specialists through digitalization, ensuring the variability and independence of the knowledge acquisition process, and expanding the possibilities of obtaining, processing, storing, and transmitting information. In particular, the digitalization of education in higher education should be aimed at forming the digital professional competence of future teachers.

At the same time, it is necessary to implement a competency-based approach in the formation of the future teacher's digital professional competence. The formation of digital professional competence is of particular importance in the era of the rapid development of digital technologies and the organization of the educational process using artificial intelligence and distance learning, especially during the pandemic, which demonstrated its importance in the use of distance learning technologies. The COVID-19 pandemic has raised questions about the readiness of teachers to effectively use distance learning technologies in education. Despite the end of the pandemic and the resumption of traditional (offline) education worldwide, the use of distance learning technologies in education remains a priority. Remote technologies have proven their effectiveness by enriching traditional classrooms with technology in various aspects. In the meantime, we'd like to brief you on Google Classroom.

Google Classroom is a modern platform for organizing the learning process. This platform allows for the organization of effective educational activities based on the cooperation of professors, teachers, and students.

Google Classroom online is part of Google Apps for Education (GAFE), a collection of productivity apps for teachers and students to learn and collaborate online. This program can be downloaded for free, but it must be placed at the level of educational institutions. While GAFE includes many popular Google apps such

as Gmail, Google Calendar, and Google Drive, Google Classroom is only available in GAFE. This application provides a central site for communicating with students, sending feedback, and submitting homework.

Google Classroom offers a wide range of opportunities for organizing the learning process. In Google Classroom, you can create your own class, add different courses for your subjects, invite students to your class, create class assignments, and have options to grade and return to students. With the help of Google Classroom, it is possible to organize individual and group work with various educational activities, as well as to update the content of education, expand pedagogical methods, implement differentiated educational technologies, and also help to organize distance learning.

The Internet provides many services that are convenient to integrate into the educational process: forums, chats, wikis, blocks, email, Skype, mailing lists, and others. All of this can be used as a supplement to traditional forms of teaching, which effectively enhances the teacher's interaction with students and learners.

In conclusion, we can say that preparing future teachers to apply modern pedagogical innovations is the main requirement of modern education. The development of digital technologies in education is an important component of this process. Teachers who master modern pedagogical innovations play an important role in raising the younger generation as creative, proactive, and competitive individuals while improving the quality of education.

### **References**

1. Abuzant, M., Ghanem, M., Abd-Rabo, A. and Daher, W. 2021. Quality of using Google Classroom to support the learning processes in the automation and programming course. *International Journal of Emerging Technologies in Learning*, 16(6). – P. 72-87.
2. Ademilson Marques de Oliveira ,Marcelo Augusto Rauh Schmitt. *Google Classroom in the Teaching and Learning Process From Piaget's Perspective*.

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3. Asnawi Muslem, Faisal Mustafa, Rahayu Ruhul Reffina, Eridafithri. The Preferred Use of Google Classroom Features for Online Learning in Indonesian EFL Classes. *Electronic Journal of e-Learning*, 22(8). – P. 76-92.
4. I Ketut Sudarsana *et al.* The use of Google classroom in the learning process. 2019 *J. Phys.: Conf. Ser.* 1175 012165
5. Sherniyazova J.E. Modern approaches to preparing future teachers to apply pedagogical innovations. *Multidisciplinary Journal of Science and Technology*. 2025. 5(8). – P. 212-214.
6. Sherniyazova J.E. Bo'lajak o'qituvchilarni tayyorlashda raqamli ta'lim muhitining o'rni va ahamiyati. *Tafakkur ziyosi. Ilmiy-uslubiy jurnal*. 2025. №3. – B. 271-275.