



**FACTORS OF DEVELOPMENT OF PROFESSIONAL
COMPETENCE OF TEACHERS OF PROFESSIONAL
EDUCATIONAL INSTITUTIONS IN THE FIELD OF DIGITAL
PEDAGOGY**

Shaxodjayev Maxmud Axmedovich
Fergana Polytechnic Institute, Fergana, Uzbekistan
Email: m.shaxodjaev@ferpi.uz

ABSTRACT	KEY WORDS
<p>Digitization of modern society has a significant impact on education and requires teachers of professional educational institutions to develop new competencies in the field of digital pedagogy. This scientific article examines the factors affecting the development of professional competencies of professors and teachers in the field of digital pedagogy. Based on the study of literature and empirical research, the main factors such as the level of technological literacy, availability of educational resources, professional support and motivation of teachers, as well as organizational conditions for the development of digital pedagogy were determined. The article provides recommendations for vocational and professional educational institutions aimed at developing the professional qualifications of professors and teachers in the field of digital pedagogy.</p>	<p>Digital pedagogy, professional education, digital competence, digital technology, technological literacy, educational resources, modern education, knowledge, skills, competence.</p>

Introduction

Digital technologies have become an integral part of modern society, significantly influencing various spheres of life, including education. Digital pedagogy is becoming more and more important in modern education, which requires the training of professors and teachers of professional educational institutions and the development of new competencies in the effective use of digital tools and resources in education. However, to successfully implement the educational process in the digital environment, teachers must have the appropriate knowledge, skills and competencies. In this article, the factors that help to develop the professional competencies of professors and teachers in the field of digital pedagogy were studied [1,2,3].

The Main Part

There are the following factors for the development of professional competencies of teaching staff.

1. Level of technological literacy:
2. Availability of educational resources:
3. Professional support and encouragement:

4. Organizational conditions:

5. Digital pedagogy development policy:

Level of technological literacy: One of the main factors affecting the development of professional competence of professors in the field of digital pedagogy is their level of technological literacy. Teachers should be familiar with modern digital tools, be able to use them effectively in the educational process and be able to adapt to the rapidly changing technological environment.

Professional education is one of the main requirements of modern pedagogy. The ability of teachers to use modern digital tools in the course of the lesson has a significant impact on the quality of education. Organization of seminars and master classes for effective use of modern technologies used in teaching processes for teachers to increase technological literacy, as well as the development of video guides, will increase the technological competence of teachers [4,5].

Availability of educational resources: The use of quality educational resources is important for the development of the professional competence of teachers. Online courses, pedagogic platforms, webinars, and other learning tools should be available to teachers for independent learning and improving their competencies in digital pedagogy [6,7,8].

Teachers working in educational institutions should have the necessary resources for science and be able to develop science resources. The use of digital technologies in the development of scientific resources is the need of the hour. With this in mind, it is necessary to develop science resources based on digital technologies. In this regard, teachers should know the programming languages related to the subject. Learning subject-specific programming languages will help teachers increase their competence in digital technologies.

Professional support and encouragement: Effective professional and digital literacy development of teachers requires support from management and colleagues. Professional educational institutions should provide teachers with opportunities to exchange experiences, organize training and seminars, and well as motivational incentives for self-improvement in the field of digital pedagogy.

It serves to support teachers in improving their digital literacy and developing their professional and scientific activities. This, in turn, not only increases work productivity but also speeds up data exchange by reducing paperwork. In addition, it facilitates remote work and group work in writing scientific articles.

Organizational conditions: Certain organizational conditions are necessary for the successful implementation of digital pedagogy in professional educational institutions. This includes the availability of the necessary infrastructure, access to modern hardware and software, as well as the organization of support and services for digital technologies.

The development of digital pedagogy in educational institutions is necessary to implement sufficient conditions. In the wide implementation of digital pedagogy, the leading staff will be aware of modern technologies and the professors will further develop this process by transferring all their developments to digitization.

Policy for the development of digital pedagogy: The existence of a clear policy for the development of digital pedagogy at the educational institutions and state level is an important factor. Policy should support and encourage the development of digital competencies of teachers, and provide resources and investments to introduce digital technologies into the educational process.

The current level of qualifications of teachers in the field of digital pedagogy

Determining the current skills of teachers in the field of digital pedagogy is an important step for developing development programs. Research shows that many teachers face difficulties in mastering and using digital technologies in the educational process. Inadequate training, limited access to educational resources, lack of time, and resistance to change are the main factors that prevent teachers from developing their competencies in digital pedagogy.

Factors affecting the development of teachers' competencies in digital pedagogy

In order to successfully develop the competencies of teachers in the field of digital pedagogy, support from the administration and educational institutions is necessary. Creating conditions for teachers' professional growth, including access to educational resources and curricula, is an important factor. It is also important to establish forms of cooperation and exchange of experiences among teachers so that they can learn from each other and apply best practices in their work.

Teacher training program in digital pedagogy

The development and implementation of teacher training programs in the field of digital pedagogy is an important step to improving the quality of education in professional educational institutions. Such a program should include various elements, such as teaching the basics of working with digital tools and platforms, developing effective ways to use ICT in the learning process, and evaluation to improve practice. At the same time, it is important to increase the digital literacy of students, to transfer science assignments to electronic format, to allow professors and teachers to accept all subject assignments online, and to form skills for students to work online.

Conclusions

Summing up from the above, the development of the professional competence of professors and teachers in the field of digital pedagogy is an important condition for the successful introduction of digital technologies into the educational process. Knowing and taking into account factors such as the level of technological literacy, the availability of educational resources, professional support and encouragement of teachers, organizational conditions and policies for the development of digital pedagogy, and the importance of teachers in vocational education institutions helps create favourable conditions for development.

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