

IMPROVING PROFESSIONAL COMPETENCE IN CLOTHING DESIGN THROUGH DIGITAL TECHNOLOGIES AND INNOVATIVE APPROACHES

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Abstract: *This article is devoted to improving professional competence in the field of clothing design using digital technologies and innovative approaches. The article considers how digital technologies such as 3D modeling, virtual reality and modern clothing design programs are used in the educational process. It also provides opportunities for students to develop their professional skills through innovative approaches, practical training and mentoring systems. Strengthening the role of teachers and improving their qualifications is also important. The results of this study will help young designers become successful specialists through the use of modern technologies.*

Key words: *Digital technologies, clothing design, innovative approaches, 3D modeling, virtual reality, clothing design programs, professional competence, educational process, practical training*

Kirish. Today, digital technologies and innovative approaches play an important role in education, especially in the field of clothing design. This topic examines the opportunities for young designers and professionals to improve their professional competencies through the use of modern technologies.

In the era of rapid development and globalization on a global scale, a number of requirements have arisen for the education system. It is of great importance not only to provide students with knowledge, but also to develop their professional skills, abilities and competencies, as well as to teach them to use the capabilities of digital technology and apply them in the educational process and in their future professional activities. At the same time, according to the requirements of the labor market, a future specialist must have the skills to responsibly approach the problems that arise and find solutions to them through critical thinking and analysis. Training specialists with such skills requires the application of innovative teaching methods to the education system and the development of appropriate teaching methodologies.

The introduction of modern information and communication technologies into the education system makes it possible to qualitatively simplify and change educational methods and forms of organizing the educational process based on a new approach. In this regard, it is appropriate to quote the following thoughts of our President Sh.M. Mirziyoyev: "Innovation is the future. If we are to start building our great future today, we must do so on the basis of innovative ideas and an innovative approach".



MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

It is known that in traditional teaching methods, teachers spend a lot of time conducting laboratory and practical work. This is a very important component of specialist training. It not only helps to strengthen the student's theoretical knowledge, increase the effectiveness of mastering the educational material, but also helps to develop practical skills in a particular field. However, we cannot say that such training gives a full result. The reason is that laboratory equipment is insufficient, many laboratories and classrooms are not equipped with modern devices and equipment, and most of the existing ones are outdated and cannot fully meet today's requirements.

Taking into account the above considerations, we can say that there is a need to introduce a new effective, universal pedagogical method that can help solve important tasks for the training of specialists for the new system. From this perspective, the implementation of modern digital technologies will help to optimally solve the above-mentioned tasks and eliminate a number of shortcomings of traditional teaching methods.

When talking about the role of digital technologies in the educational process, it is impossible not to mention its possibilities. We will consider its capabilities using the example of the discipline "Design and Modeling of Sewing Items". With the help of automated systems, students will have the opportunity to evaluate, analyze, and improve their work in real time. This, in turn, increases their creativity and problem-solving abilities, enabling them to:

- 3D Modeling: Speed up the design process and increase accuracy by using 3D modeling software (e.g. CLO 3D, TUKAcad) when creating garments.
- Virtual Reality (VR): With VR technologies, students can try on clothes in a virtual environment and see how they will look in real-world conditions.
- Clothing Design Software: Studying the technical characteristics of clothing using programs created based on programming and computer graphics.

In addition, through innovative approaches and the use of interactive methods, such as simulations, virtual laboratories, and online platforms, students will have the opportunity to apply their knowledge in practice, which will help further strengthen their professional competencies.

- Creative design processes: Through innovative approaches, students can use new methods to implement their ideas.
- Cross-design approach: Combining different fields and using new styles and materials in clothing design.

When it comes to improving professional competence, we can cite the following:

- Educational Programs: To provide students with in-depth knowledge of modern clothing design and construction through educational programs that incorporate digital technologies.
- Practical training: Engaging students in participating in real projects through practical training, which develops their professional skills.
- Mentoring system: To guide and help young designers develop through mentoring by experienced professionals.



MODERN EDUCATIONAL SYSTEM AND INNOVATIVE TEACHING SOLUTIONS

The use of the following to strengthen the role of teachers will allow for the effectiveness of the educational process:

- Teacher training: Introduce teachers to modern digital technologies and encourage them to use them in their lessons.
- Innovative teaching methods: Training teachers to use innovative teaching methods, which will increase students' creative thinking skills.

Conclusion.

Digital technologies and innovative approaches are an important tool for improving professional competence in the field of clothing design. Young designers can develop their knowledge and skills through the use of modern technologies and become successful specialists in the future. The use of these approaches in the educational process not only increases the level of knowledge of students, but also prepares them for practice.

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