

## **FACTORS CONTRIBUTING TO THE EFFECTIVE DEVELOPMENT OF PROFESSIONAL CULTURE AMONG STUDENTS**

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### **Abstract**

The article provides a scientific and pedagogical analysis of the factors contributing to the effective development of professional culture among students. The essence and content of the concept of professional culture, its structural components, as well as approaches to the professional development of an individual are methodologically substantiated.

**Keywords:** Students, effective development, professional culture, component.

### **Introduction**

In the context of ongoing globalization, the education system is recognized as a key factor in sustainable development. In particular, at an international education forum held in the Republic of Korea, the relevance of ensuring “inclusive and equitable quality education and lifelong learning opportunities for all” was emphasized within the framework of the development concept outlined for the period up to 2030. This concept has expanded opportunities for improving the educational and methodological support of the system for training future educators by focusing on the formation of students’ professional competencies, the effective organization of professional and practical training through innovative pedagogical approaches, as well as the use of educational technologies aimed at developing independent thinking, creative reasoning, and creativity.

Furthermore, within the context of information of the educational process, systematic scientific research is being conducted to continuously update educational and methodological resources aimed at developing the professional skills of future specialists in accordance with international standards, as well as to identify psychological and pedagogical factors influencing the formation of students’ professional competencies. This process contributes to the improvement

of educational and methodological support, the enhancement of the quality of professional training, and its alignment with the innovative requirements of modern education. In addressing these tasks, the development of methodological resources for enhancing professional skills and their improvement based on innovative approaches, the creation of appropriate pedagogical conditions, and the application of modern educational technologies to increase the quality and effectiveness of instruction are considered highly relevant<sup>1</sup>.

Over the centuries, as a result of the interaction and collision of civilizations, all spheres of human life are preparing to enter a new stage of development. In this context, the need for fundamental innovations in the process of professional training of students within the modern higher pedagogical education system is steadily increasing. This is because the preparation for the pedagogical profession is considered not only as the acquisition of theoretical knowledge but also as a complex process that includes practical skills and innovative approaches. One of the central issues in this training process is the student's pedagogical culture, their mastery of pedagogical technologies, and the ability to apply them in practice. Effectively addressing these issues is directly linked to the development of students' professional-pedagogical competencies, creative potential, independent thinking, and capacity for innovative approaches.

The legal and regulatory framework of the national education system is established by the new editions of the Law "On Education," the Law "On Higher and Postgraduate Education," the "State Educational Standards for General Secondary Education," and presidential decrees. These documents are aimed at defining the strategic directions for the development of the national education system, enhancing the quality of education, and implementing modern pedagogical approaches. At the same time, the main purpose of applying these state legal documents in the process of professional training of students is to systematically, effectively, and qualitatively organize the educational process in higher education institutions in accordance with the requirements established by law.

Consequently, the main objective of modern higher pedagogical education is not only to increase students' theoretical knowledge but also to foster their professional competencies, promote the use of pedagogical technologies, and develop their

<sup>1</sup> file:///C:/Users/User/Downloads/talabalarda-kasbiy-ko-nikmalarni-zamonaviy-metodlar-asosida-rivojlantirish.pdf

creative and innovative potential within an integrated educational environment. The newly amended Law “On Education” of the Republic of Uzbekistan establishes the fundamental principles and legal norms upon which the strategy and tactics for implementing the legally grounded ideas of the development of the country’s education system are built<sup>2</sup>.

Professional culture serves as a fundamental resource of pedagogical activity, facilitating the manifestation of students’ creative abilities and expanding opportunities for the development of their intellectual and cognitive potential. The development of professional culture also represents a powerful factor that reflects the internal life and consciousness of society and the nation. It forms the basis of universal culture as a foundation for human and societal development and significantly influences the formation and transformation of economic and social life systems.

The formation of students’ professional culture is closely linked to the development of professional skills and creative competencies, as well as the systematic cultivation of communicative culture. Key components in this process include observational skills, creative approaches, independent assimilation of advanced pedagogical practices, effective allocation of attention during teaching and learning, and the management of psychological states.

A systematic pedagogical framework has been established to assess the level of professional culture development among university students. To achieve this goal, a wide range of methods has been employed, including pedagogical observation of teachers’ activities, interviews, questionnaires and surveys, as well as the analysis of documents reflecting the content of educational and moral-educational activities. This approach allows for the assessment of the degree of professional culture development and enables the systematic formation of professional competencies among students<sup>3</sup>. All of these aspects have, to a certain extent, defined the main direction and framework of the research. Today, in the context of the development of modern pedagogy and educational paradigms, approaches to teachers’ professional activity are undergoing significant transformation. Currently, a teacher’s professional competence is regarded not only as a measure of individual

<sup>2</sup> O‘zbekiston Respublikasining Ta’lim to‘g‘risida Qonuni. 2020 yil 23 sentabr. O‘RQ-637-son

<sup>3</sup> Jumayeva G. T. Maktab o‘qituvchilarining kasbiy madaniyatini rivojlantirish ijtimoiy zaruriyat sifatida. Oriental Renaissance: Innovative, educational, natural and social sciences. SJIF 2023 = 6.131 / ASI Factor = 1.7

qualification but also as a key factor in enhancing the quality of education and ensuring its effectiveness. The effectiveness of pedagogical activity directly influences the formation and development of students' professional competencies, thereby demonstrating an integrated interconnection between pedagogical practice and the teaching-learning process.

The pedagogical conditions created within educational institutions - including the content structure of curricula, teaching methods, pedagogical technologies, and systems supporting teachers' professional development - play a decisive role in fostering students' professional competencies through pedagogical facilitation, i.e., the support, guidance, and optimization of the educational process to develop competencies. From this perspective, a teacher's professional competence is a central element of the process, as only a teacher who possesses deep theoretical knowledge, practical skills, a thorough understanding of their profession, and the ability to establish effective pedagogical communication with students can provide high-quality education and prepare students to meet the demands of contemporary society.

This approach forms the foundation for implementing innovative and competency-based paradigms in modern education. Moreover, a teacher's professional competence encompasses the ability to understand and address students' various personal and social challenges, which, in turn, contributes to the creation of a supportive educational and developmental environment. Such an environment enables students to fully realize their potential<sup>4</sup>. The professional competence of an educator serves as a central factor in creating the pedagogical conditions necessary for the development of students' professional competencies. This competence encompasses all components of the educational process and holds strategic importance in ensuring the comprehensive development of students. Furthermore, an educator's professional competence directly influences the overall effectiveness of the educational institution and contributes to the refinement of pedagogical environments essential for fostering student professionalism.

Enhancing the efficiency of students' professional preparation is achieved through the systematic improvement of their academic and vocational activities. Theoretical analyses and empirical research indicate that a systematic pedagogical approach is paramount in preventing students from becoming overwhelmed by

<sup>4</sup> [https://ilmiyanjumanlar.uz/uploads/conferences/0056/56\\_i\\_20241202\\_141911\\_5.31.pdf](https://ilmiyanjumanlar.uz/uploads/conferences/0056/56_i_20241202_141911_5.31.pdf)

modern information flows and in accelerating the pace of individual professional development. Simultaneously, the psychological characteristics of students - including their attitudes toward the learning process and future career paths, as well as mechanisms for self-education - are regarded as key indicators for effectively managing the professionalization process.

Psychological research highlights the following developmental stages:

- **First-year students** primarily focus on adapting to a new social environment, adopting the role of a "student," and forming initial perceptions of their future profession.

- **During the second and third years**, professional skills and abilities develop actively; the individual's professional identity becomes more distinct, and their vocational persona is consolidated. Consequently, pedagogical conditions created by taking into account both the educator's competence and the students' psycho-pedagogical characteristics significantly enhance the efficiency of the professional training process.

- **In the fourth year**, influenced by industrial internships, the final formation of the professional personality occurs, characterized by the dominance of professional motivation and the reinforcement of intellectual competencies<sup>5</sup>. This process necessitates development based on rigorous criteria, reflecting the demands of modern education.

In today's era of globalization, digital transformation, and the increasing individualization of learning, academic culture is becoming a critical factor in the personal and professional formation of students. Academic culture represents more than just an honest approach to the acquisition of knowledge; it embodies an ethical stance, a sense of responsibility, the capacity for critical thinking, and the development of social consciousness. This concept encompasses academic integrity, scientific rigor, information literacy, communication ethics, and the intrinsic drive for continuous self-development<sup>6</sup>. In pedagogical practice, alongside traditional approaches to fostering academic culture among students, innovative

<sup>5</sup> file:///C:/Users/User/Downloads/talabalarning-kasbiy-faoliyatini-rivojlantirishning-pedagogik-psixologik-xususiyatlari.pdf

<sup>6</sup> file:///C:/Users/User/Downloads/talabalarda-akademik-madaniyatni-shakllantirishning-innovatsion-shakl-va-uslublari.pdf

pedagogical technologies, interactive methods, digital tools, and reflective approaches are being effectively utilized today. However, the pedagogical efficacy of these forms and methods, as well as their impact on a student's conscious, independent, and responsible academic conduct, has not yet been subjected to sufficiently profound scientific analysis. This article provides a theoretical and practical analysis of innovative forms and methodological approaches specifically aimed at developing academic culture in students. The relevance of this study lies in the emerging necessity within the current educational environment to go beyond the mere transmission of knowledge and instead cultivate the student's ability to live and function in accordance with the standards of academic culture.

In the context of the modern higher education system, there is a growing need for pedagogical approaches that ensure the personal and professional development of students. Unlike traditional knowledge-oriented methods, the implementation of personalized pedagogical strategies that support emotional-intellectual growth is recognized as a pressing issue in today's educational process. International research and advanced pedagogical practices demonstrate that, beyond academic knowledge, factors such as emotional stability, self-awareness, reflective thinking, and socio-communicative competencies are key strategic elements for students' future professional success. Consequently, the formation of academic culture in modern education must be realized through the integrated application of pedagogical approaches and innovative technologies. This enables the holistic development of students' scientific, personal, and professional competencies. From this perspective, there is a clear necessity to develop and implement innovative approaches aimed at enhancing the professional and emotional potential of the student's personality in higher education<sup>7</sup>. The development of this methodology based on scientific-pedagogical requirements constitutes one of the prevailing trends in modern educational progress. In global pedagogical practice, significant emphasis is placed on ensuring the adaptability of specialists to the demands of a volatile labor market by fostering their professional culture and social competence. This trend has led to a substantial increase in research dedicated to the concept of the "pedagogical worldview" within the international scientific community in

<sup>7</sup> Sh. Xusanova narrativ yondashuv asosida talabalarning kasbiy-emotsional rivojlanishining pedagogik shart-sharoitlari. Science and innovation in the education system international scientific-online conference. <https://inlibrary.uz/index.php/sies/article/view/83444>

recent years. Indeed, the continuous evolution and fluidity of the political, social, and cultural nature of society require modern specialists - particularly educators - not only to define their professional values and personal beliefs but also to embrace cultural diversity and perpetually refine their pedagogical outlook and professional capacities in alignment with societal needs.

In our country, the modernization of the socio-economic sphere, enhancing the quality of high-level personnel training, developing human capital based on labor market requirements, and integrating digital technologies alongside modern pedagogical approaches remain critical tasks. Furthermore, the creation of "the necessary pedagogical conditions to prepare personnel who think creatively, make independent decisions, demonstrate intellectual potential, and emerge as spiritually mature individuals" based on international standards has been established as a primary strategic goal.

Consequently, modern pedagogical activity is viewed as a complex strategic process aimed not only at developing students' academic and professional competencies but also at shaping their social adaptability, creative thinking abilities, and personal-professional worldview. This necessitates the continuous improvement of mechanisms that serve to enhance the quality of training for highly qualified specialists<sup>8</sup>. In world-class higher education institutions ranked within the top 1000 and above - for instance, the Abay Kazakh National Pedagogical University - the educational process aimed at ensuring the professional-competency development of higher education subjects is implemented in a systematic and sustainable manner through a result-oriented approach and integrative mechanisms for competency formation and assessment.

Although extensive research has been conducted on the professional development of students within the higher education system, existing scholarly works predominantly prioritize cognitive-oriented and competency-based models. However, the insufficient attention paid to the socio-ethical components, value systems, and professional ethics of specialists reveals ongoing challenges, such as ethical dilemmas in graduates' professional activities, vocational irresponsibility, or a deficit in personal value systems. In most curricula, the process of value

<sup>8</sup> O'zbekiston Respublikasi Prezidentining "O'zbekiston Respublikasi oliy ta'lim tizimini 2030 yilgacha rivojlantirish kontseptsiyasini tasdiqlash to'g'risida"gi PF-5847-son Farmoni // Qonun hujjatlari ma'lumotlari milliy bazasi, 08.10.2019 y.

formation is not systematic; rather, it often occurs incidentally or within the framework of a "hidden curriculum," which limits the strategic effectiveness of the pedagogical process.

Consequently, a robust system of professional values is not fully formed in students, which can significantly hinder not only their future professional efficiency but also their adherence to professional ethics, moral principles, and vocational standards. In this regard, the development and implementation of pedagogical strategies that ensure the integrated growth of personal-ethical and value-based components - alongside professional competencies - is regarded as a pressing scientific and practical issue in modern higher education. Furthermore, the effective pedagogical mechanisms and conditions for implementing an axiological approach in the professional development of students remain insufficiently substantiated from a scientific-methodological perspective<sup>9</sup>. The broad integration of an axiological approach into the higher education system, the enrichment of educational content with fundamental values, and the organization of the pedagogical process based on these principles expand the opportunities for preparing highly spiritual, responsible, and professionally mature specialists who meet contemporary societal demands.

In conclusion, the formation and evolution of student professional culture are directly contingent upon a meticulously planned, interconnected, and systematically organized pedagogical process. In this context, key scientific-methodological factors include the seamless alignment of educational content with future professional activities, the precise structuring and phased implementation of independent learning, and the application of a differential approach that accounts for students' individual psychological characteristics. Furthermore, establishing a conducive pedagogical environment that fosters intrinsic motivation, instituting regular reflective and analytical activities, and the purposeful utilization of modern pedagogical technologies and interactive teaching methods ensure the sustainable development of professional culture. The collaborative relationship between the educator and the student plays a pivotal role in the pedagogical process. The educator's function as a facilitator, consultant, and motivator positively influences students' professional self-awareness and the cultivation of essential elements of professional culture.

<sup>9</sup> file:///C:/Users/User/Downloads/ZDPP+1329.pdf