

RESEARCH ARTICLE

Pedagogical Competence in The Context of Contemporary Educational Transformation

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Abstract

This article examines pedagogical competence as an integrative professional quality that determines teachers' effectiveness in the contemporary educational environment. The study highlights the theoretical foundations of competence, its interpretation in scientific and pedagogical literature, and its significance in the professional development of teachers. Particular attention is given to the relationship between theoretical knowledge, practical skills, professional experience, communication, critical reflection, innovative thinking, and the ability to make independent decisions in pedagogical situations. The article also explores the role of digital technologies, learner-centred approaches, and continuous professional development in enhancing pedagogical competence. Furthermore, the structural components of pedagogical competence and their contribution to the effective organisation of the educational process are considered. The findings emphasise that pedagogical competence extends beyond the acquisition of theoretical knowledge and is manifested in a teacher's ability to apply professional resources effectively, respond to changing educational demands, and support learners' intellectual and personal development.

KEY WORDS

Pedagogical competence, professional competence, teacher professional development, theoretical knowledge, practical skills, pedagogical experience, communication skills, critical reflection, innovative thinking, digital technologies, learner-centred approach, educational process, independent decision-making, intellectual development, continuous professional development.

INTRODUCTION

The social, cultural, technological, and organisational changes taking place in the contemporary education system are directly influencing the nature and content of teachers' professional activities. In particular, the widespread use of digital tools in the learning process, the rapid expansion of scientific and informational resources, and the increasing tendency of learners to pursue different educational pathways according to their interests, abilities, and learning characteristics necessitate a new approach to teaching. Under these circumstances, teachers' professional preparation should not

be limited to the acquisition of theoretical knowledge in a particular subject. Rather, it should also encompass the ability to reorganise existing knowledge and experience in accordance with specific circumstances, apply them in practical activities, and independently address various pedagogical problems. From this perspective, a contemporary teacher is expected to be a specialist who can adapt rapidly to a changing educational environment, incorporate innovations into professional practice, and develop pedagogical solutions that take learners' individual characteristics into account.

Accordingly, the role of the modern teacher is evolving from that of a traditional transmitter of knowledge towards that of a professional who designs and coordinates the educational process, facilitates learning, and supports the individual development of learners.

In today's educational environment, a teacher's professional potential cannot be adequately assessed solely on the basis of the amount of theoretical knowledge they possess. One of the essential aspects of teaching is the ability to apply existing knowledge to practical tasks, understand the underlying nature of various situations arising in the educational process, and develop appropriate solutions. Furthermore, purposeful communication with pupils, colleagues, parents, and other participants in the educational process, the analysis of professional performance, and the reconsideration of pedagogical approaches when necessary constitute important components of contemporary teaching practice.

In teachers' professional activities, the use of knowledge, the application of accumulated experience to practical tasks, communication with participants in the educational process, and the critical examination of professional outcomes do not occur in isolation; rather, they are manifested in an interconnected and mutually reinforcing manner. From this perspective, explaining pedagogical competence solely in terms of the possession of particular knowledge or skills represents a one-sided approach. Its essence lies in a teacher's ability to integrate available professional resources in accordance with the requirements of a particular situation, use them effectively, and continuously improve professional approaches throughout the course of practice. Thus, pedagogical competence can be regarded as a professional quality characterised by continuous development and enriched in response to emerging educational demands and changing circumstances.

Such an interpretation entails shifting the focus of education from the mere acquisition of knowledge to the ability to apply it in practice and transfer it to new situations. Consequently, teachers' professional activities are no longer confined to the delivery of ready-made information. Instead, teachers guide learners towards independent reasoning, a deeper understanding of problems, the exploration of alternative solutions, the substantiation of their views, and collaborative engagement with other participants in the educational process. Moreover, the ability to evaluate the reliability and content of information, identify relevant data, and make

appropriate decisions in new circumstances is becoming one of the important dimensions of contemporary pedagogical practice. Therefore, pedagogical competence contributes not only to the effectiveness of teachers' own professional activities but also to the development of a broad range of abilities that learners need for contemporary life and professional engagement.

UNESCO's conceptual perspectives on contemporary education also place particular emphasis on organising education as a process that supports human development throughout life, integrating knowledge with practical activity, and promoting collaboration and personal development. From this standpoint, the development of pedagogical competence should not be viewed as a one-time outcome of professional preparation, but rather as a continuous process that evolves throughout a teacher's professional career. Contemporary teachers are expected not to adhere rigidly to established methods, but to refine their approaches in response to changes in educational conditions. In this regard, the implementation of contemporary pedagogical approaches, the purposeful use of electronic and digital resources in accordance with educational objectives, and consideration of learners' age-related, individual, and socio-psychological differences constitute important professional responsibilities. In addition, teachers should regularly analyse the outcomes of their work, critically reassess their existing experience, and develop new professional approaches that correspond to evolving educational requirements.

The content of pedagogical competence emerges through the integration and interaction of several professional components. Alongside subject-specific and professional knowledge, these components include methodological proficiency, communication skills and culture, the ability to organise professional activities, critical self-reflection, innovative thinking, and professional accountability. The integration of these dimensions enables teachers to define the objectives of lessons and educational activities clearly, align instructional content with the intended learning outcomes, and select appropriate methods and tools according to the specific circumstances. Other practical manifestations of pedagogical competence include enhancing learners' interest in educational activities, developing well-founded solutions to unexpected pedagogical situations, and objectively evaluating achieved outcomes against clearly defined criteria.

From this perspective, pedagogical competence cannot be

measured solely by the amount of acquired information or the breadth of theoretical preparation. Its actual significance is demonstrated through a teacher's ability to mobilise existing knowledge and experience appropriately in a specific educational situation, apply these resources purposefully, and use them to improve the effectiveness of professional practice. The academic discipline Pedagogical Competence is intended to facilitate the scientific, theoretical, and practical understanding of contemporary teachers' professional activities, identify the content and structural components of pedagogical competence, and examine the mechanisms through which it can be developed and enhanced. The discipline aims to prepare prospective teachers to become competent professionals who can make independent and responsible professional decisions in a changing educational environment, address innovative pedagogical challenges, understand learners' developmental needs, and continuously improve their professional practice.

Pedagogical competence reflects a teacher's ability to organise professional activities effectively, support learners' development, conduct the educational process through innovative approaches, and make informed and rational decisions in pedagogical situations. From this standpoint, pedagogical competence should be understood not merely as a body of knowledge, but as an integrative professional quality oriented towards the practical application of knowledge in professional activities.

In a number of research studies, the concept of competence has been interpreted from different theoretical perspectives and described as an integrative quality that enables an individual to perform effectively in a particular field of activity. Within these interpretations, competence is considered not merely a body of theoretical knowledge, but also a construct closely associated with readiness to apply knowledge in practice, the possession of relevant skills and abilities, and the individual's psychological characteristics. From this perspective, competence is recognised as an important factor determining an individual's success in professional and social activities.

The psychologist R. S. Nemov defines competence as follows: "Competence is the possession of specific knowledge and awareness of the possibilities of a particular field" [1]. According to A. V. Khutorskoy, "Competence is a set of interrelated personal qualities, including knowledge, skills, abilities, and modes of activity, as well as creative activity and

personal attitudes in responding to events and processes" [2]. S. I. Ozhegov treats the concept of competence as an independent semantic unit meaning "the possession of knowledge and experience in particular fields" [3].

In some research studies, the concept of competence is traced to the Latin term *competentia*, interpreted as meaning "to achieve together" or "to do correctly", and is explained as possessing the knowledge necessary to form judgements about a particular matter [4].

M. M. Kholmukhamedov interprets competence as an indicator of the ability to generate new value and achieve a particular outcome through the application of knowledge. Within this approach, competence is explained not simply by the possession of knowledge or skills, but by the extent to which they can be applied in practical activities to produce additional value or achieve meaningful results. From this perspective, the concept of "knowledge manipulation" can be understood as the learner's ability to process previously acquired theoretical knowledge in different practical situations, direct it towards the completion of a specific task, and demonstrate their existing capabilities in the process. The educational environment is organised in such a way that learners do not merely reproduce ready-made knowledge but use the knowledge and practical skills they have acquired to accomplish new tasks. As a result, their ability to act independently, utilise available resources, and achieve the intended outcomes becomes evident.

Within this approach, the practical value of competence is manifested through the results achieved. In other words, the application of acquired knowledge and skills to real-life activities, the production of useful outcomes, and the achievement of particular positive changes are regarded as important indicators of the extent to which competence has been developed. In this context, the term "dividend" does not refer directly to material gain; rather, it denotes the beneficial outcomes that learners obtain by applying their knowledge and capabilities in practice [5].

Based on these perspectives, competence can be understood as encompassing not only an individual's level of theoretical knowledge but also the ability to apply knowledge in practice, make appropriate decisions in problematic situations, demonstrate creative thinking, and continuously improve one's activities. Therefore, the development of competence in the contemporary education system is regarded as an important factor in the comprehensive development of both

learners and teachers.

From this standpoint, pedagogical competence is interpreted as an integrated system of knowledge, skills, abilities, values, and personal qualities that enables teachers to perform their professional duties effectively. It encompasses not only theoretical preparation but also activities aimed at organising, managing, and improving the educational process in practice.

The structure of pedagogical competence is multidimensional and consists of several fundamental components that are closely interconnected. First, the cognitive component encompasses the teacher's knowledge of pedagogy, psychology, and the subject being taught. This component constitutes the theoretical foundation of pedagogical practice and reflects the teacher's level of academic and professional knowledge. Another important element is the operational-practical component, which includes the teacher's ability to select and apply teaching methods, plan lessons, organise learners' activities, and assess learning outcomes. This component represents the practical expression of competence and is manifested directly in the educational process.

The essence of pedagogical competence lies in integrating teachers' professional knowledge with actual pedagogical practice. In other words, possessing theoretical knowledge alone is insufficient; teachers must also be able to apply that knowledge effectively in different pedagogical situations. This ability contributes to improving the quality of education and supporting learners' development.

Pedagogical competence is recognised as an important integrative quality that enables teachers to organise and manage their professional activities effectively within the contemporary education system. It presupposes not only the possession of theoretical knowledge but also the ability to apply that knowledge appropriately and effectively in practical teaching situations. In contemporary pedagogy, pedagogical competence is interpreted as a complex professional phenomenon that enables teachers to organise their professional activities effectively and achieve the intended educational outcomes. This concept encompasses not only teachers' knowledge of a particular subject but also their ability to use existing knowledge, experience, and professional resources in accordance with the requirements of specific pedagogical situations.

From this perspective, competence is not a static state but a dynamic quality that develops throughout a teacher's

professional career and is enhanced through experience, reflection, and lifelong learning.

In understanding the theoretical essence of pedagogical competence, it is important to consider the relationship between the concepts of competency and competence. Competency refers to the range of knowledge, skills, abilities, attitudes, and capacities required for a teacher to perform specific professional tasks, whereas competence denotes the extent to which these capacities are effectively demonstrated in actual professional practice. In other words, a teacher may possess knowledge of a particular subject or teaching method; however, the ability to select and apply it appropriately in a specific educational situation and evaluate the resulting outcomes determines the teacher's competence.

The methodological foundations of pedagogical competence are formed through the interaction and integration of competency-based, learner-centred, activity-based, systemic, reflective, and integrative approaches. The competency-based approach emphasises the outcomes of teachers' professional activities and their ability to address professional tasks independently. The learner-centred approach involves taking into account teachers' individual professional capabilities, values, and developmental needs. The activity-based approach, in turn, provides a rationale for understanding competence as a quality that develops and becomes evident through actual pedagogical practice.

From the perspective of the systemic approach, pedagogical competence is manifested as an integrated whole comprising several interrelated components. The development of one component also influences the functional capacities of the others. For example, a teacher's advanced methodological knowledge may not produce the expected pedagogical outcomes if their communicative or reflective abilities are insufficiently developed. Therefore, the effectiveness of pedagogical competence is determined not merely by the presence of its individual components but also by the functional coherence among them.

The structural organisation of pedagogical competence can be conditionally described in terms of six interrelated components: motivational-value, cognitive, activity-practical, communicative, reflective, and creative.

The motivational-value component reflects the teacher's attitude towards the profession, sense of professional responsibility, understanding of the social significance of

pedagogical activity, and intrinsic motivation for continuous professional development. The cognitive component encompasses a system of theoretical knowledge relating to educational content, pedagogy, psychology, teaching methodology, and contemporary educational technologies. The activity-practical component concerns the teacher's ability to apply acquired knowledge in authentic educational situations. It is manifested in the ability to design lessons, select appropriate teaching methods, manage pedagogical situations, assess educational outcomes, and identify practical solutions to emerging problems.

REFERENCES

1. Nemov, R. S. (1997). *Prakticheskaya psikhologiya* [Practical Psychology]. Moscow: Gumanitarnyy izdatelskiy tsentr VLADOS, p. 5
2. Khutorskoy, A. V. (2002, April 23). Key competencies and educational standards. *Eidos Online Journal*. <http://www.eidos.ru/journal/2002/0423.htm>
3. Ozhegov, S. I., & Shvedova, N. Yu. (1998). *Tolkovyy slovar russkogo yazyka* [Explanatory Dictionary of the Russian Language]. Moscow: Azbukovnik.
4. Dushaboyev, X. A. (2011). *Mehnat ta'limi o'qituvchisi kasbiy kompetentligini shakllantirish metodlari* [Methods of Developing the Professional Competence of Technology Education Teachers]. Master's dissertation. Tashkent.
5. Ro'ziboyeva, O'. Sh. (1995). *Uzluksiz ta'lim jarayonida bolalar bog'chalari tarbiyalanuvchilari va 1-sinf o'quvchilari og'zaki nutqini o'stirish* [Developing the Oral Speech of Preschool Children and First-Grade Pupils in the System of Continuing Education]. Dissertation. Tashkent.
6. Turg'unov, S. T., Daniyarov, B. X., Umaraliyeva, M. A., Shodmonova, Sh., Turg'unova, M., & Tojiboyeva, H. M. (2012). *O'qituvchilarning kasbiy mahorat va kompetentligini rivojlantirish* [Developing Teachers' Professional Mastery and Competence]. Tashkent: Sano-standart.
7. Haydarov, F. I. (2005). *O'quv faoliyati motivatsiyasi* [Motivation for Learning Activities]. Tashkent.
8. Po'latova, X. M. (1994). *Maktabgacha yoshdagi nutqi to'liq rivojlanmagan bolalarda nutqni faollashtirish* [Speech Activation in Preschool Children with Underdeveloped Speech]. Dissertation abstract. Tashkent.
9. Kholmukhamedov, M. M. (2020). Issues concerning the introduction of the competency-based approach into the vocational education system. *Pedagogika jurnali*, No. 4, pp. 3–7.