



Pedagogical model for developing the competitiveness of educational services: contemporary approaches in the context of globalization

Babayeva Lola Ibragimovna –

Associate Professor, Department of Tourism and Marketing,

Karshi State University,

E-mail: lolababa162@gmail.com

ORCID: <https://orcid.org/0009-0000-9813-8582>

Annotation. Globalization has intensified competition among higher education institutions, making educational service competitiveness a strategic priority. This study analyzes contemporary pedagogical approaches competency-based education, student-centered learning, and digital pedagogy to identify key competitiveness factors. Using qualitative methods, a five-dimensional Pedagogical Model (goal, content, technology, organization, evaluation) is developed, offering guidance for institutions in the global education market.

Keywords: educational services, competitiveness, pedagogical model, globalization, competency-based education, digital pedagogy, higher education, student-centered learning.

Педагогическая модель развития конкурентоспособности образовательных услуг: современные подходы в условиях глобализации

Аннотация. Глобализация усилила конкуренцию между высшими учебными заведениями, превратив конкурентоспособность образовательных услуг в стратегический приоритет. В исследовании анализируются современные педагогические подходы компетентностное образование, студент центрированное обучение и цифровая педагогика для выявления ключевых факторов конкурентоспособности. На основе качественных методов разработана пятикомпонентная педагогическая модель (цель, содержание, технологии, организация, оценка), предлагающая практические рекомендации для вузов на глобальном образовательном рынке.

Ключевые слова: образовательные услуги, конкурентоспособность, педагогическая модель, глобализация, компетентностное образование, цифровая педагогика, высшее образование, студент центрированное обучение.

Ta'lim xizmatlarining raqobatbardoshligini rivojlantirishning pedagogik modeli: globallashuv sharoitidagi zamonaviy yondashuvlar

Annotatsiya. Globallashuv oliy ta'lim muassasalari o'rtasidagi raqobatni kuchaytirib, ta'lim xizmatlari raqobatbardoshligini strategik ustuvorlikka aylantirdi. Tadqiqot kompetensiyaga asoslangan ta'lim, talabaga yo'naltirilgan ta'lim va raqamli pedagogika kabi zamonaviy yondashuvlarni tahlil qilib, raqobatbardoshlikning asosiy omillarini aniqlaydi. Sifat tadqiqot usullaridan foydalangan holda besh yo'nalishli (maqsad, mazmun, texnologiya, tashkil etish, baholash) Pedagogik model ishlab chiqilib, oliy ta'lim muassasalari uchun amaliy tavsiyalar taqdim etiladi.

Kalit so'zlar: ta'lim xizmatlari, raqobatbardoshlik, pedagogik model, globallashuv, kompetensiyaga asoslangan ta'lim, raqamli pedagogika, oliy ta'lim, talabaga yo'naltirilgan ta'lim.

INTRODUCTION

The world of higher education and provision of educational services has been drastically changed by the pace of globalization. The past decade has seen the transformation of educational institutions from a monopoly space into a highly competitive international arena, with the advent of new technologies, knowledge economies, educational mobility across international borders, and an increasing emphasis on the quality of learning outcomes. Consequently, the competitiveness of educational services has become a key factor in the success of educational institutions, the development of national education and sustainable socio-economic growth. Interactions between educational systems have grown more intimate as a result of globalization, but there have been opportunities and challenges for HEIs. On the other hand, they can broaden their international collaborations, draw in foreign students, implement new teaching approaches, and become part of a worldwide knowledge network. At the other extreme, there is pressure to continuously improve the quality of education, ensure graduates' future employment prospects and match educational programmes to rapidly evolving labour market needs. The competitiveness of education is no longer restricted to the reputation of the educational institution or its infrastructure, but increasingly it depends on the effectiveness of pedagogies used in the education process and the capacity of building learner-centered, innovative and flexible educational settings.

In recent years, educational service competitiveness has been the focus of a number of academic studies. Different factors affecting competitiveness have been identified, such as the quality of education, governance, innovation capacity, internationalization, digital transformation, and stakeholder satisfaction. Current research indicates that schools and educational institutions that are able to combine the best practices in teaching with pedagogical innovation and technological development have a better chance of facing the educational challenges of the world and gaining a competitive edge. Competency-based education, student-centered learning, personalized instruction, and digital learning ecosystems are important pillars of the modernisation process in education in particular. Relatively few studies have been conducted on educational competitiveness, and those studies generally emphasize aspects of the economy, management, and/or organization. Compared with this, less focus has been given to pedagogical underpinnings that have a direct impact on the competitiveness of educational services. In view of these problems, this study aims to examine the modern pedagogical models for increasing the competitiveness of educational services and to present a conceptually pedagogical model which meets the reality of globalization. The value of this research is that it helps to contribute to the ever-

increasing debate on educational competitiveness in a pedagogical context. The proposed model incorporates the latest educational theories, competency-based teaching, digital pedagogy, and internationalization strategies, ensuring a comprehensive overview of the elements involved in making education services more competitive.

LITERATURE REVIEW AND METHODOLOGY

The idea of educational services competitiveness is often mentioned in discourse on the transformation of higher education and the development of the knowledge economy in the world. Early work in competitive advantage by Porter [1] is grounded in industrial economics but has been adapted greatly to the field of education and highlights the significance of institutional differentiation, quality enhancement, and value production within an education system. In the context of higher education, Knight [2] and Altbach & Knight [3] emphasize internationalization as a major factor in competitiveness, explaining that the university sphere has become a transnational space in which the mobility of students and academics, collaborative academic relationships, and rankings are increasingly becoming important tools for the construction of institutional reputation and attractiveness. The findings indicate that the nation's competitiveness in education is not merely national but global and relates to the cross-border involvement of education. More recent research has highlighted the importance of the quality of education and learning outcomes as key determinants of competitiveness. The OECD [4] finds that education systems that promote and develop cognitive abilities, creativity and adaptability seem to do better in global comparisons. Likewise, in a changing world, education has become a fundamental pillar for building the resilience of institutions, which require equitable access to quality education and innovation in methodologies to do so (UNESCO [5]). The pedagogical approach of competency-based education has been adopted and widely discussed as an effective method of meeting the needs of the labor market. The competency-based frameworks allow students to learn not only theoretical knowledge, but also acquire skills, problem-solving competencies, and professional competencies that contribute to their employability and institutional relevance, as reported by Mulder [6] and in subsequent studies.

The learning service delivery model has also been transformed in the digital age. Selwyn [7] and Bates [8] report that digital learning environments, online learning platforms and blended learning approaches greatly enhance access to education and offer greater flexibility and personalisation. These studies also warn, however, that improving quality through digitalization is not automatic and cannot happen without effective pedagogical approaches. The learning process, which is an important aspect of this approach, is said to be enhanced by student-centered learning approaches, as proposed by Weimer [9], which moves away from the learning process and directs it towards the learning outcomes. This method develops learners' active learning skills, critical thinking, and autonomy in learning, as such skills are becoming more in demand in the international labor market.

Although there is a considerable empirical literature on educational competitiveness, there are a number of limits to this literature. First, most studies have focused on macro-level factors like governance, funding, and institutional ranking systems while neglecting micro pedagogical mechanisms and their direct impact on learning experiences. Second, the existing research mainly views pedagogical innovations, digital transformation, and competency development as distinct fields instead of being linked to a system of one. Third, conceptual pedagogical models, which explain in a systematic way the interactions between these elements and the resulting competitive educational services in the context of globalization, are lacking. The study was carried out using a qualitative and conceptual research design that is designed to explore pedagogical mechanisms to enhance the competitiveness of educational services in the globalization process. Because the study is not one seeking to test any empirical hypothesis, but rather to develop a conceptual

understanding, the practice of theoretical analysis and synthesis of the already available academic literature takes precedence. The use of a systemic approach meant to include the understanding of the phenomenon of educational competitiveness as a phenomenon with interactions between pedagogical, organizational, and social factors. Moreover, comparative analysis enabled a comparison of how these concepts of quality, innovation, and competitiveness in higher education are defined by various international scholars and organisations. Furthermore, using content analysis, the key ideas and patterns that appeared in the literature were identified, particularly within the context of competency-based education, digital learning, and approaches to students that are student-centred. Last, the created method of modeling was used in the construction process and analyzed by a conceptual pedagogical model of the identified components.

RESULTS AND DISCUSSIONS

An existing literature analysis indicates that a variety of factors are involved in the competitiveness of educational services. It is, on the contrary, the outcome of a set of pedagogical, technological, and organizational conditions that are acting together in higher education institutions. In the light of this understanding, a conceptual pedagogical model is developed to present how these elements come into play in the conditions of globalization. There are five elements that are connected in the model.

The first part is the purpose or intention-driven part that specifies the purpose of the model. It primarily aims to increase the competitiveness of the educational services sector, to achieve better learning outcomes, to raise the quality of education, and to boost employability at the graduate level. This is the linkage of institutional orientations to the orientation of the international job market.

The second one is the content aspect, which is related to the content taught in education. This model focuses on the need to revise the curricula according to the principles of competency-based education. This implies that, as well as acquiring knowledge, students should be able to acquire skills, critical thinking skills, communication skills, and digital skills.

The third part is the technological aspect, which shows the increasing importance of digital tools in the education field. In the digital era, learning management systems, online platforms, blended learning, and even artificial intelligence tools are becoming a part of the teaching and learning process. Such technologies increase flexibility in education, make it more available and more personalized.

The fourth component is the organizational-pedagogical component the organization of the process of learning. Student-cent red learning is a key element of this. The use of project-based learning, collaborative work, and interactive teaching methods is important to facilitate engagement and to make the learning more effective.

The fifth one is the evaluation component, which guarantees quality and effectiveness in the teaching-learning process. This not only focuses on continuous assessment and competency-based evaluation but also incorporates the use of learning analytics to complement traditional exams and provide a more accurate assessment of students' actual abilities and skills. These 5 components are an integrated pedagogical system. The core concept of the model is that educational competitiveness is not a result of individual improvements, but rather is the result of the balanced interaction of all these elements. Content, teaching method, technology, organisation and assessment, therefore, intersect, leading to the quality and competitiveness of educational services improving.

CONCLUSION

The aim of this study was an investigation of the role of pedagogical mechanisms in increasing the competitiveness of educational services in the period of globalization. This

question is not as straightforward as one might believe, and is not explained by a single factor related to funding, infrastructure, management efficiency, etc., the analysis indicates. Rather, it is tightly interwoven with the quality of pedagogical processes and a responsiveness to changing educational and labor market demands. The conceptual pedagogical model created in this research encompasses 5 elements, which are interconnected: goal setting, developing content, learning and instructional technologies, structuring the learning process, and evaluation. These together make a cohesive whole which enables more effective, flexible and competitive learning environments. The results also indicate that education systems under higher education today are under increasing pressure due to globalization and digital transformation. Under these conditions, conventional teaching methods may not be adequate enough to equip learners for the challenges within the real-life context. There is a need to pay more attention to competency development, digital learning environments, and teaching methods that actively engage students in learning. From the practical perspective, the proposed model can guide the universities in rethinking the design of curricula, teaching organization, student performance appraisal, etc. It also provides helpful insights for policymakers addressing modernization efforts for higher education systems to continue to move towards international standards.

1. The use of competency-based approaches needs to be included more actively in the curricula of universities.

2. Digital tools and blended learning techniques need to be rolled out more routinely to encourage flexible learning.

3. Instruction should become more student-centered and promote engagement and critical thinking.

4. The emphasis of assessment systems should be shifted to the capabilities that students have, instead of capabilities that can be produced in an exam.

5. Policymakers in the education sector should provide an environment that facilitates innovative approaches to the delivery of education and foster international exchange and dialogue amongst institutions.

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