

ANALYSIS OF SCIENTIFIC RESEARCH ON THE METHODOLOGY OF COMPETENCY DEVELOPMENT

Juraeva Makhliyo Rashidovna

Teacher of the Department of English

language and literature of the Bukhara State Pedagogical Institute

E-mail: mahliyorashidovna@gmail.com

Telephone number: +998936209500

Abstract: This article analyzes the methodological approaches to the development of students' competencies, the mechanisms for their implementation and the content and results of research work carried out in this direction. The theoretical foundations of the competency approach, the effectiveness indicators of the methods and technologies used in the educational process, as well as the role of integrative, innovative and interactive methodologies in the development of knowledge, skills and competencies of students are studied. The article covers the current problems encountered in the formation of competencies and proposals for their elimination, with a comparative analysis of scientific ideas put forward by various authors. The results of the study serve to create a methodological basis for modernizing the educational process, improving the professional and general educational competencies of students.

Keywords: competence, competency approach, methodological support, educational technologies, professional competencies, interactive methods, innovative approach, Student Activities, modernization of the educational process.

АНАЛИЗ НАУЧНЫХ ИССЛЕДОВАНИЙ ПО МЕТОДОЛОГИИ РАЗВИТИЯ КОМПЕТЕНЦИЙ

Аннотация: В данной статье анализируются методологические подходы к развитию компетенций студентов, механизмы их реализации, а также содержание и результаты научно-исследовательской работы, проводимой в этом направлении. Изучаются теоретические основы компетентностного подхода, показатели эффективности методов и технологий, используемых в образовательном процессе, а также роль интегративных, инновационных и интерактивных методик в развитии знаний, умений и компетенций студентов. В статье рассматриваются актуальные проблемы, возникающие при формировании компетенций, и предложения по их устранению, со сравнительным анализом научных идей, выдвинутых различными авторами. Результаты исследования служат созданию методологической основы для модернизации образовательного процесса, повышения профессиональных и общеобразовательных компетенций студентов.

Ключевые слова: компетентность, компетентностный подход, методическое обеспечение, образовательные технологии, профессиональные компетенции, интерактивные методы, инновационный подход, деятельность студентов, модернизация образовательного процесса.

In the context of today's globalization, the priority of the competency approach in the educational system is growing. The modern labor market requires that students have not only theoretical knowledge, but also competencies such as practical skills, independent thinking, problem solving, working with information and engaging in effective communication. Therefore, the organization of the educational process in higher educational institutions on the basis of competence, the improvement of the methodology for the development of professional and general educational competencies of students are considered as an urgent scientific and practical task. In recent years, the number of scientific research on the formation of competencies has

increased, the use of innovative educational technologies in their content, the organization of teaching on the basis of interactive methods, the activation of educational and cognitive activity of students and the introduction of transformational approaches are among the main areas. However, the analysis of the existing literature shows that a number of problems in the methodology for the development of competencies — such issues as insufficient systematization of methodological approaches, uncertainty of criteria for evaluating competency types, slow integration with practice have not yet been fully solved.

In order to develop professional competencies of specialists in the English language in World higher education institutions, special attention is paid to the development of competencies based on interactive language semantics, aesthetic features of speech, transformation of pedagogical ideas, development of monological and dialogical forms of communication, quality of education and qualification requirements in accordance with international standards, critical thinking of, studies aimed at training pedagogical personnel in accordance with the requirements of international qualifications in the economic and spiritual spheres, the use of innovative educational technologies and the assessment of the intellectual activity of Educational people, foreign experiences in EMI and STEAM projects and research aimed at teaching specialist subjects in English for specialists in the field, the development of professional competencies in the English language of future specialist personnel, the specialty of which is not related to the English language, is considered as one of the urgent tasks.

The essence of the reforms carried out in the educational process today is high professional activity, special attention is paid to training competitive personnel, improving the methodology for the development of communicative competencies in English regarding the professional activities of students, learning English in the process of teaching.

Through decrees and decisions of the president of the Republic of Uzbekistan and decisions of the Cabinet of Ministers, the importance of the English language in the educational system is increased. These documents are significant in that they are aimed at the implementation of large-scale reforms aimed at popularizing the study and use of foreign languages, in particular English, training and professional development of scientific and pedagogical personnel.

1. Analysis of the completed research work on the preparation of students for professional activities and the development of their competencies:

The issue of preparing students for professional activities is one of the priority areas in modern pedagogical research. In the scientific literature, the content of professional training is interpreted as a holistic system consisting of professional knowledge, practical skills, personal qualities, culture of work and professional adaptation. Research shows that interactive teaching, project activities, practical training, dual education, educational-practical integration and educational technologies focused on real professional tasks are important in the development of professional competence. Also, many authors note the lack of refinement of professional competency assessment criteria, the lack of systematization of methodological recommendations, and the inadequacy of teachers' skills to use innovative approaches as the main problem. From this point of view, the need to develop the scientific and methodological foundations of deepening professional training is clearly felt in the content of existing research.

2. Analysis of research work on the development of competencies of students of technological education:

In the research carried out in the direction of technological education, practical training, technical modeling, design, problem tasks, tasks that develop constructive thinking and production practice occupy a special place in the development of student competence. Researchers emphasize the need to base the competence-oriented teaching process on real-world work with techniques and technologies, to formulate technical thinking, inventive skills and creative technological approaches in students. The main conclusions of scientific work are that in the development of competencies of students of technological education, module-based training,

the STEAM (Science, Technology, Engineering, Art, Mathematics) approach, technical design elements and the use of digital technologies serve as an important methodological basis.

3. Analysis of research work on the development of students' communicative competence in English:

In scientific research on the development of communicative competence in English, it was found that in the process of language teaching, it is effective to organize exercises based on a communicative approach, integrative education, interactive methods, communication-based tasks, real-life situations. Researchers note that when learning a language, the complex development of listening and understanding, speaking, reading and writing skills is important. Also, the use of authentic materials, multimedia technologies, language laboratories, virtual communication platforms and the development of intercultural competence are noted as the main factors that increase students' language competence.

4. Analysis of scientific research work on the development of communicative competencies of students of technological education:

Research on the development of communicative competence of students studying in the direction of technological education is more focused on professional communication, the correct application of technical terms, effective communication in collective activities, the formation of skills for the oral and written statement of technological processes. The authors believe that in the development of professional communication competence, production practices, solving engineering problems through communication, working with technical documentation, project protection, debates, "case-study" methods, team projects and simulation training are effective. The results of the study show that the development of communicative competence in technical directions is the main indicator that determines the future professional skills of the student.

5. Analysis of research work performed on the content of the methodology of teaching English to students of the English language educational direction:

In research carried out in the direction of English education, the content of the language teaching methodology was studied in connection with the system of teaching based on linguadidactics, pedagogical technologies, principles of communicative education, an integrative approach, competence. Researchers recommend in the content of the methodology such approaches as interactive training, development of dialogical speech, use of audio-visual tools, CLT (Communicative Language Teaching), TBLT (Task-Based Language Teaching), CLIL (Content and Language Integrated Learning), which develop the student's language skills, creative thinking, analytical skills and cultural thinking as an effective methodological basis. In scientific sources, the role of teacher competence is highlighted in order to increase the effectiveness of the lesson.

6. Analysis of scientific research work on teaching English in non-philological educational programs:

Research on teaching English in non — philological (technical, economic, pedagogical and other) areas has been based on a model of English adapted to professional orientation (ESP-English for Specific Purposes). According to the results of scientific work, in teaching English to students in these directions, professional terminology, simulation of professional situations, practice-oriented assignments, contextual teaching, work with authentic professional texts will have a high effect. The authors emphasize the importance of forming skills such as professional communication, professional correspondence, presentations and protecting projects in English in ESP Language Teaching. In studies, time deficit, low motivation, and inadequate methodical provision are noted as the main problems in teaching English to students.

In conclusion, in the development of professional and communicative competencies of students, a competency approach, interactive and integrative methods, practical training, project activities and training based on real professional tasks are effective. The introduction of innovative methods and modern educational technologies in research work in technological and linguistic directions is noted as an urgent task. The results of the study provide a scientific and

methodological basis for improving the quality of education, strengthening the readiness of students for future professional activities and modernizing the pedagogical process.

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