**ANNOTATION**

on the dissertation for the degree of Doctor of Philosophy PhD

in the specialty 6D011900 – "Foreign language – two foreign languages"

by Tulekenova Dinara Toleubekovna on the topic: «Conceptual foundations of the formation of professional-cognitive-communicative competency of future primary school foreign language teachers through information-communication technologies»

**The relevance of the research.** In the modern world, the process of development and strengthening of political, economic and cultural relations in the Republic of Kazakhstan is characterized by the country’s entry into the world community. This creates the need for language learning and is the basis for establishing intercultural relationship with interlanguage connections.

One of the prior programs for the development of education in the Republic of Kazakhstan for 2023 - 2029 is the training of future primary school foreign language (FL) teachers in accordance with the standard "Teacher" (Astana, 2022).

The process of increasing the effectiveness of FL education at a university depends on the quality of the relationship between teaching a basic FL and the formation of professional competencies of the future teacher, and the final product of FL training is the personality as an intermediator of intercultural communication with developed professional-cognitive-communicative competency (PCCC). The development of professional skills, considering the specialization of a teacher who is ready for early teaching foreign language, will ensure the achievement of results in the linguodidactic understanding of language teaching methods for primary school.

This work provides a theoretical and practical understanding of the linguodidactic aspects of future foreign language teachers’ PCCC formation at primary school.

In the last decade, research has been carried out aimed at improving the professional training of foreign language teachers, its content and the possibilities of implementing linguodidactic material in foreign language education based on new educational ICT technologies.

The main idea of teaching foreign languages in primary school is implemented through the use of information-communication technologies (ICT) in accordance with modern requirements in the process of foreign language education.

The analysis of scientific and pedagogical literature on the issue of developing foreign language PCCC of future primary school foreign language teachers showed that it had not been sufficiently studied. Analysis of the state of the problem revealed contradictions:

- between the demands of modern society for a primary school foreign language teacher, required in order to improve the methodology of teaching a foreign language at primary school and the insufficient development of theoretical and linguistic aspects of teaching a foreign language at primary school.

- between the need to develop linguodidactic content for the formation of PCCC in the training of future primary school foreign language teachers at universities and the methodological support of the scientific and practical base for its implementation.

**The object of the research:** The pedagogical process of developing professional-cognitive-communicative competency of foreign language teachers.

**The subject of the research:** Methodology for developing professional-cognitive-communicative competency of future primary school foreign language teachers through information-communication technologies.

**The aim of the research** is to develop, theoretically substantiate and experimentally test the effectiveness of a model for the formation of professional-cognitive-communicative competency of future primary school foreign language teachers in the educational process of a university and the technology for its implementation based on information-communication technologies.

**The objectives of the research:**

1. To substantiate the essence and structure of the concept of “professional-cognitive-communicative competency” and its content using ICT for training future primary school foreign (English) language teachers;

2. To identify the potential of ICT in the formation of PCCC and to determine the professional concept of future primary school foreign language teachers aimed at the formation of PCCC;

3. To develop a model and determine linguodidactic conditions for the formation of PCCC of future primary school foreign language teachers;

4. To develop an integrative-interactive system of exercises and implement in them a methodology for the formation of PCCC of future primary school foreign language teachers;

5. To determine the effectiveness of the proposed model for the formation of PCCC of future primary school foreign language teachers using ICT in the process of experimental work.

**The methods of the research:**

1) theoretical (critical reading and analysis of scientific and methodological literature, generalization, comparison, analogy, systematization, modeling);

2) empirical (study the normative documents – the standard of the “Teacher”, observation, survey, interview, analysis of the products of creative and reflective activity of students, practical experiment);

3) statistical (processing of experimental data according to criteria).

**Scientific novelty and theoretical significance of the research:**

1. the essence of the PCCC of a primary school foreign language teacher is substantiated, and its structure is determined in the following subcompetencies: linguocultural, professional-informational and linguodidactic;

2. a methodological model of PCCC in the training of future teachers has been developed, integrating interrelated technologies: gaming, interactive, cases, and the linguodidactic conditions for training future primary school foreign language teachers have been determined: focusing the goals and objectives of teaching a foreign language to future teachers to improve the quality of their vocational training; involvement of future teachers in foreign language communicative and cognitive activities; creative orientation of the educational process based on ICT.

3. a professional concept for training future primary school foreign (English) language teachers has been defined and characterized, including a set of approaches: cognitive-linguocultural, competence-based and interactive-didactic in correlation with scientific principles: cognitive-activity, information-interactive and selective-communicative;

4. an integrative-interactive system of exercises using information- communication technologies has been developed by the structure of subcompetencies, which allows coordinating readiness to teach foreign languages in primary school.

5. an integrative methodology for teaching a foreign language for future primary school teachers has been developed using information-communication technologies based on a compiled modular program and its effectiveness in developing the PCCC of a primary school foreign language teacher has been experimentally determined.

**The practical significance of the research.**

- a new integrative-interactive system of exercises has been proposed for the development of curriculum with practice-oriented teaching of foreign languages at primary school;

- the electronic educational manual for teachers has been prepared based on information technologies;

- the manual “Methods of teaching future primary school foreign language teachers using information-communication technologies” was developed and introduced into the educational process.

**The main provisions for defense:**

1. The PCCC of a future primary school foreign language teacher is a multifaceted phenomenon consisting of linguocultural, professional-informational and linguodidactic subcompetencies that ensure the unity of the communicative and professional culture of the teacher;

2. The methodological model for the formation of PCCC of future primary school foreign language teachers through information-communication technologies consists of four components, organized in stages: goal, content, procedure and result evaluation.

3. A set of linguodidactic conditions: orientation of the goals and objectives of teaching a foreign language to future teachers to improve the quality of their professional training; involvement of future teachers in foreign language communicative and cognitive activities; the creative orientation of the educational process ensures the formation of PCCC of future primary school teachers using information-communication technologies.

4. The professional concept for training a primary school foreign language teacher is an integration of exercises in the professional information module and the conceptual component of ICT based on cognitive-linguocultural, competence-based and interactive-didactic approaches as a unit of subject content aimed at developing professional-cognitive-communicative competency.

5. Integrative methods of teaching a foreign language for future primary school teachers based on a modular program on the use of information- communication technologies, tested based on criteria for the formation of subcompetencies and through experimentally, contribute to the formation of systematic teacher qualifications, manifested in the targeted use of information-communication technologies, in effective communication in a foreign language, dialogue, fluency in methods of teaching a foreign language to primary school learners.

**Publication and approval of research results.**

The main provisions of the dissertation work are reflected in 12 scientific articles, including:

1. One of them is published in journals included in the Scopus database: Formation of professional cognitive and communicative competency of future primary school foreign language teachers through information-communicative technologies. XLinguae 16(2), 264-285 DOI: 10.18355/XL.2023.16.02.20 ISSN 1337-8384, eISSN 2453-711X. The article reveals issues related to the components of subcompetencies, the applicant's contribution is 95%.
2. Four articles are in publications recommended by the Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan:

1) Шеттілін ерте жастан оқытатын мұғалімдердің кәсіптік даярлаудың шетелдік тәжірибесі. Ғылыми журнал «ПГУ Хабаршысы» №4 Педагогика сериясы, Павлодар, 2018, 363-370; The article examines foreign experience in the professional training of foreign language teachers at primary schools, the applicant’s contribution is 85%.

2) Бастауыш мектептегі болашақ шетел тілі мұғалімінің тұжырымдамалық профилін даярлау ерекшеліктері. Абай атындағы ҚазҰПУ Хабаршысы. №4 «Педагогика ғылымдары» сериясы, Алматы №1(61), 2019 ж. Алматы, 221-225 б.; The article reveals the content of the professional concept of a future foreign language teacher at primary school, the applicant’s contribution is 85%.

3) Бастауыш мектептегі шетел тілі мұғалімнің кәсіби-анықтайтын компетенциясының құрылымы мен мазмұны. Қазақ Ұлттық Қыздар Педагогикалық Университетінің Хабаршысы, «Педагогика» сериясы, Алматы No3 (79) 2019, 216-221 б.; The article reveals issues related to the structure of subcompetencies; the applicant’s contribution is 95%.

4) Бастауыш мектепте болашақ шетел тілі мұғалімінің ағылшын тілі сабағында интерактивті learningapps.org мультимедиялық бағдарламасын қолдану біліктілігін қалыптастыру. «Абылай хан атындағы ҚазХҚжәнеӘТУ Хабаршысы» журналы, «Педагогика ғылымдары» сериясы, ISSN 2412-2149 Print; ISSN 2710-3269 online, Том 69 № 2 (2023), DOI: https://doi.org/10.48371/PEDS.2023.69.2 Опубликован: 2023-06-27. С. 213-219. The article discusses interactive technologies, the applicant's contribution is 95%.

1. One article is based on the RSCI: Digital Storytelling as Means of Formation of Professional Cognitive-Communicative Competence of Future Primary School Foreign Language Teacher. Цифровизация и формирование цифровой культуры: социальный и образовательный аспекты. Международная электронная научно-практическая конференция, 30 октября 2019 / Под науч. ред. И.В. Кучерук. – Астрахань: Изд-во ООО ПКФ «Триада», 2019. – 221-227 с. The article contains characteristics of digital technologies for foreign language lessons, the applicant’s contribution is 95%.
2. Six articles are in the materials of foreign and international conferences:

1) Әлемдік қоғамдастықтағы шетел тілдерін ерте жастан оқытудың салыстырмалы сипаттамасы. V ғылыми-тәжірибелік конференция «Шеттілдік білім беру: озық тәжірибелер, жаңашылдығы мен болашағы», Абылай хан атындағы ҚХҚ және ӘТУ, 12-13 қараша 2018 ж. 223-227 б.; The article contains characteristics of early foreign language teaching in the world community, the applicant’s contribution is 85%.

2) Бастауыш мектептегі болашақ шетел тілі мұғалімінің концепциясы. Материалы Международной научно-практической конференции «Современная наука: проблемы, идеи, тенденции (Modern science: problems, ideas, trends)», 11 февраля 2019 года (г. Прага, Чехия), 485-490 с. The article devoted to the development of a professional concept for future foreign language teachers at primary schools, the applicant’s contribution is 95%.

3) Бастауыш мектепте болашақ шетел тілі мұғалімдердің кәсіби-анықтайтын компетенциясын қалыптастыратын моделі. IV Международная научно-практическая конференция «Интеграция научного сообщества перед глобальными проблемами современности» в г. Саппоро (Япония) 13-15 февраля 2019 г.; The article devoted to the development of a model for training future foreign language teachers at primary schools, the applicant’s contribution is 95%.

4) The Formation of Professional-Cognitive Competencies of a Future Primary School Foreign Language Teacher. 9th International Conference on Foreign language Teaching and Applied Linguistics, Journal of Foreign Language Teaching and Applied Linguistics, Tashkent. Volume 6 - Number. 1 – 2019, ISSN: 2303—5528 p.43-49; The article reveals the problems of forming professional-cognitive-communicative competency, the applicant’s contribution is 95%.

5) The Conceptual Basis for Forming Professional-Cognitive-Communicative Competency in Future Teachers of Primary School Based on Information-Communicative Technologies. Journal of Talent Development and Excellence, Issue Vol. 12 No. 1 (2020): Issue 2020/1 , http://iratde.com/index.php/jtde/article/view/1679 6054-6064 p.; The article provides a set of exercises to develop professional-cognitive-communicative competency, the applicant’s contribution is 85%.

6) Суретті кітаптар оқылым дағдыларын дамытуға арналған ақпарат құралы ретінде. Международно научно-практическая конференция, посвященной 95- летию профессора Козлова Петра Гурьяновича и 80-летию КазУМОиМЯ имени Абылай хана. 30 апреля 2021 г., стр. 55-60. The article examines linguodidactic materials for future foreign language teachers at primary schools, the applicant’s contribution is 85%.

**The structure of the research** consists of an introduction, three main chapters, a conclusion, a list of references and appendixes.