

**Review**  
of a scientific supervisor on the thesis titled  
**“Technology of creating foreign language multimedia educational tutorials  
based on authentic audio- and video materials  
(on the example of pre-service foreign language teachers training)”**  
by **Smagulova Gulnur Zhumartovna**  
submitted for the degree of Doctor of Philosophy (Ph. D.),  
in specialty 6D011900 - Foreign language: two foreign languages

The thesis is devoted to the topical problem of foreign language education in the context of the digitalization of education. In the context of digitalization of Kazakhstani education teachers face need to implement a conceptually new approach to designing teaching aids that combine the possibilities of presenting textual material in combination with multimedia content (audio, video, graphics) provided with interactive component of educational activity. This presupposes increasing digital literacy of educators focusing not only on the usage, but also on the development on the of effective multimedia educational resources in the digital environment of the educational process. In the context of foreign language education multimedia and digital technologies used to effectively broadcast authentic educational content provide ample opportunities for building such an information-subject environment for Foreign Language Teaching that will help create effective conditions for the second language personality formation. Multimedia educational tutorials have great potential due to such advantages as visual presentation of the material, quick feedback, and the ability to regularly adjust the learning resource as new data becomes available. The creation of effective multimedia educational tutorials based on authentic audio- and videomaterials is impossible without the knowledge of the methodological foundations and principles of their development, considering ergonomic and psychological - pedagogical requirements, as well as the corresponding mastery of the relevant tools and applications, which determines teachers' certain level of developing competencies in the field of electronic multimedia educational resources design.

Thus, the relevance of the study is determined by the need to substantiate the technology for creating foreign language multimedia educational tutorials based on authentic audio- and videomaterials, which reflects the systemic unity and interrelationship of didactic, methodological, psychological - pedagogical and technical - technological aspects of developing the mentioned tutorials and realizes the systemic approach to their creation.

These provisions are reflected in the regulatory documents related to the prospective development of Kazakhstani education and society, and determining changes in teachers' qualification requirements, necessitating the development of their skills of using digital technologies in education. Approved in December 2017, the State Program “Digital Kazakhstan” focuses on updating the Kazakhstani education system as one of the priority areas on increasing digital literacy at all levels of education. At the same time, the Strategic Development Plan of the Republic of Kazakhstan until 2025 notes that the rapid development of technology

and economic growth lead to the need for new methods of teaching and learning, while “educational programs should be aimed at training personnel with specialized industry skills, as well as skills of creative and innovative solution of complex problems”.

The focus and relevance of the present thesis correspond to the target indicators of the country’s development set by the Strategy “Kazakhstan-2050” to ensure the development of innovative technologies and modernization of education, meet the initiatives of the National Development Plan of the Republic of Kazakhstan until 2025 within the framework of the national priority “3. Quality Education” and are based on the regulatory documents “The State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025”, the State Program “Digital Kazakhstan” dated December 12, 2017, and the Strategic Development Plan of the Republic of Kazakhstan until 2025.

In addition, the implementation of the present research is updated by the initiative noted in the message of the President to continue supporting the educational project “Digital Teacher”, aimed at improving digital literacy and supporting Kazakhstani teachers, and creating conditions for the development of digital competence, and advanced training of teachers, considering modern requirements of digital reality.

The research work has a classical structure, consisting of two chapters, conclusion, bibliography, and appendices. The thesis material is presented in a logical sequence. In the introduction the author substantiates the relevance of the research, defines its purpose, objectives and presents the scientific novelty, as well as the practical significance of the thesis. In Chapter One of the thesis “Theoretical foundations for the development of foreign language multimedia educational tutorials based on authentic audio and video materials”, the author analyzes the current state of scientific - pedagogical research and technological approaches to the development of foreign language multimedia educational tutorials, considers the principles of selection and methodological adaptation of the authentic audio- and videomaterials as the basis of digital media content of the named tutorials and substantiates the technology of creating foreign language multimedia educational tutorials based on authentic audio and video materials Chapter Two “Experimental process of implementing of the technology of creating foreign language multimedia educational tutorials based on authentic audio- and videomaterials in pre-service foreign language teachers’ training” presents data from the experimental work on preparing pre-service foreign language teachers for the creation of foreign language multimedia educational tutorials based on authentic audio- and videomaterials using the proposed technology.

The conclusions and provisions of the dissertation work have scientific novelty:

- the set of principles, as well as didactic, methodological, psychological and technical - technological requirements for the creation of foreign language multimedia tutorials based on authentic audio- and videomaterials is determined;

- the technology of creating foreign language multimedia educational tutorials based on authentic audio- and videomaterials as a system of consistent representations, actions and procedures for creating these tutorials is substantiated;

- methodological support development for training pre-service foreign language teachers to create multimedia tutorials in a foreign language based on authentic audio- and videomaterials based on the proposed technology based using the proposed technology is developed.

The practical significance of the results of the research is determined by the possibility of their usage in the process of pre-service foreign language teachers, as well as in the course of service teachers' advanced training in developing foreign language multimedia tutorials.

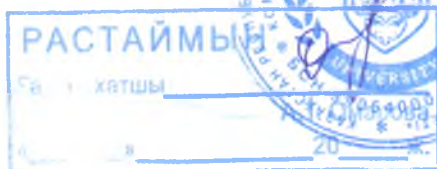
The reliability and validity of the scientific provisions, practical conclusions and recommendations of the thesis is confirmed by the sufficient volume of the conducted comprehensive research on the problems set; using the results of fundamental and applied research of domestic and foreign scientists in the field of developing foreign language multimedia tutorials; reasonable application of modern methods of data processing, methods of a systematic approach, methods of statistical comparisons and experimental calculations, etc.

In addition, the main provisions of the thesis research were published by the author in the collections of materials of international scientific conferences and scientific journals. All sections of the thesis are interconnected by the structured content of a complex research. Thus, the presented thesis has an internal unity and interconnectedness of the results obtained.

The thesis was written independently, contains a set of new scientific results in the field of foreign language education, has internal unity and testifies to the author's personal contribution to science. Thus, the present thesis can be regarded as the purposeful completed research, performed at a sufficiently high qualified level, having practical significance, and containing new results, the reliability of which has been proven.

The thesis in its form and content, relevance, completeness of the tasks set and solved, the totality of the new scientific results obtained, meets the stated requirements, and its author, Smagulova Gulnur Zhumartovna, deserves awarding the degree of Doctor of Philosophy (Ph.D.) in the specialty 6D011900 - Foreign language: two foreign language.

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