Report on the work of the dissertation Council in Information and Telecommunication Technologies (specialties: 6D070300 – "Information Systems (by Industries)", 8D06103 – "Management Information Systems", 6D070400 – "Computer Engineering and Software", 8D06101 – "Software Engineering", 8D06102 – "Machine Learning & Data Science", 8D06104 – "Cybernetics and Artificial Intelligence", 6D100200 – "Information Security Systems", 8D06105 – "Information Security Systems", 6D071900 – "Radio Engineering, Electronics and Telecommunications", 8D06201 – "Telecommunications", 6D070200 – "Automation and Control", 8D07101 – "Automation and Robotics")

1. Data on the number of meetings held – 10 meetings.

Surnames, first name, patronymic (if any) of the members of the dissertation Council who attended less than half of the meetings: the overwhelming majority of the members of the council attended more than half of the meetings.

2. List of doctoral students indicating the organization of training:

- Faizullin Adil - North Kazakhstan University named after M. Kozybayev
- Erbosynova Anargul – KazNRTU named after K. Satbayev;
- Iskakova Aigul – KazNRTU named after K. Satbayev;
- Turlykozhaeva Dana – Al-Farabi Kazakh National University
- Isimova Aigerim – Al-Farabi Kazakh National University
- Nurlankyzy Aigul – named after K. Satbayev;
- Amirkhanova Dana – KazNRTU named after K. Satbayev;
- Urynbasarova Altyn - NJSC Narxoz University
- Mussabekov Nazarbek – KazNRTU named after K. Satbayev;
- Tasbolatova Laura – KazNRTU named after K. Satbayev;

3. Brief analysis of dissertations considered by the Council during the reporting year

№	Full name of the doctoral student	Topics of work	Code and title of specialty
1	Faizullin Adil Ramazanovich	Development of an information and communication system for managing a higher education institution	6D071900 – Radio Engineering, Electronics and Telecommunications
2	Erbosynova Anargul	Models, method and algorithms for planning trajectories of a manipulation robot	6D070200 – «Automation and Control»
3	Iskakova Aigul	Development of a control system for the process of cleaning industrial gases from dust	6D070200 – «Automation and Control»
4	Turlykozhaeva Dana	Information-entropy method of routing wireless networks	8D06201 – «Radio Engineering, Electronics and Telecommunications»
5	Isimova Aigerim	A device for converting mechanical vibration into an electrical signal	6D071900 – «Radio Engineering,

			Electronics and Telecommunications»
6	Nurlankyzy Aigul	Development of an intelligent method for detecting a speech signal at a low signal-to-noise ratio	6D071900 - "Radio engineering, electronics and telecommunications"
7	Amirkhanova Dana	Lattice – Based Post – Quantum Public Key Encryption Scheme using ElGamal's Principles	8D06301 – Information security systems
8	Urynbasarova Altyn	Construction of Hybrid Transforms to Solve Signal Processing Problems in Systems	6D070300 – «Information systems»
9	Mussabekov Nazarbek	Synthesis of a hybrid control system for compound technological complex of copper smelting production	6D070200 – «Automation and control»
10	Tasbolatova Laura	Research of safety issues in data transmission in automated train traffic control systems on transport corridors of the Republic of Kazakhstan	8D07101 – «Automation and Robotization»

4.1 Analysis topics work Faizullin Adil " Creation of an information and communication system for managing a higher education institution " in the specialty 6D071900 - "Radio engineering, electronics and telecommunications"

Kazakhstan's successful integration into the global economy requires highly qualified specialists. This requires improving the country's education system, including organizational, technological, and functional changes aimed at bringing educational institutions up to the level of leading European universities. This requires a comprehensive approach, including reforms in the management of educational environments, which cannot be achieved using traditional methods.

This necessitates the application of modern concepts for managing complex systems to effectively manage educational processes characterized by complexity, uncertainty, and dynamism. It is also necessary to develop a unified information technology for the digital transformation of education, incorporating modern client-server solutions and software systems.

To improve the effectiveness of specialist training, structural changes in the management of educational institutions are necessary, transitioning to intelligent management systems. This will require the implementation of the Smart University concept, which will ensure the effective management of all aspects of educational activities, from administrative work to strategic planning. Therefore, the research topic is relevant and in demand for the current stage of education development in Kazakhstan.

The dissertation topic must be aligned with the scientific development areas established by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and/or state programs. The dissertation topic is aligned with these scientific development areas and state programs, specifically the Concept for the Development of Higher Education and Science in the Republic of Kazakhstan for 2023–2029, approved by Resolution No. 248 of the Government of the Republic of Kazakhstan dated March 28, 2023, regarding the development of infrastructure and digital architecture for higher education.

Analysis of the level of implementation of dissertation results in practical activities.

Based on the research results, 15 papers were published, including four articles in journals recommended by the Coordination Council of the Ministry of Higher Education of the Republic of Kazakhstan, six articles in international journals with an impact factor according to the Joint Research Center (JCR) or a CiteScore percentile score of at least 35 in the Scopus database, and five publications in international conference proceedings indexed in Web of Science and Scopus.

4.2 Analysis topics the work of Anargul Serikkazinovna "Models, method and algorithms for planning the trajectories of a manipulation robot" in the specialty 6D070200 – "Automation and control".

The research topic is relevant because robotic processes for removing oxide films from molten lead, zinc, and magnesium play a key role in improving production efficiency and safety. Existing challenges in planning the movements and positions of manipulation robots in such conditions require scientific approaches that ensure precision and stability during robotic operations, which are essential for industry.

The dissertation topic relates to the scientific development areas established by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and/or state programs. The dissertation aligns with priority areas in the field of automation and robotics of industrial production, supported by the state program for industrial and innovative development of the Republic of Kazakhstan. Research into improving production processes using high-tech solutions, such as robotic manipulation, is of strategic importance for the country's development.

Analysis of the level of implementation of dissertation results in practical activities. The author has published 12 scientific articles, including three in international peer-reviewed journals included in the Scopus/Web of Science databases, as well as articles in peer-reviewed publications and scientific conferences. This confirms the comprehensiveness of her publication activity on the dissertation topic.

4.3 Analysis topics work Iskakovaya Aigul " Development of a control system for the process of cleaning industrial gases from dust" in the specialty 6D070200 - "Automation and control".

With the development of environmental standards and methods for assessing the impact of pollution on the environment, as well as the recognition of the negative impact of toxic organic and chemical substances contained in industrial emissions, sanitary and hygienic requirements for gaseous emissions purification have been established at the legislative level. Purification of gaseous emissions containing toxic substances is a mandatory requirement in all industrial sectors. Currently, the most effective and widely used method for removing dust from industrial gases is electrical purification in dry electrostatic precipitators. Therefore, the purification of gases from pollutants generated in thermal power plants and industrial enterprises remains a pressing issue.

To improve the efficiency of industrial gas purification, it is necessary to develop an automatic control system for the industrial gas purification process based on modern methods that ensure the content of standard indicators in exhaust gases to reduce environmental pollution.

Thus, the research topic is relevant and aimed at improving the efficiency of industrial gas purification, is in demand in modern society, and makes a significant contribution to the development of science.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The topic of the dissertation is based on the priority areas identified by the Decree of the President of the Republic of Kazakhstan dated February 2, 2023 No. 121 "Strategy for Achieving Carbon Neutrality of the Republic of Kazakhstan until 2060", the Resolution of the Government of the Republic of Kazakhstan dated July 29, 2020 No. 479 "On Approval of the Action Plan for the Implementation of the Concept for the Transition of the Republic of Kazakhstan to a "Green Economy" for 2021-2030", and dated January 23, 2024 No. 23 "On Approval of the Handbook of

Best Available Techniques "Fuel Combustion in Large Installations for Energy Production". These Resolutions indicate that the used and planned industry technologies, machinery, and equipment that ensure organizational and managerial measures should be aimed at reducing the level of negative impact of economic activities on the environment to ensure target environmental quality indicators.

Analysis of the level of implementation of dissertation results in practical activities. The candidate has published 17 works, including: 5 articles in journals recommended by the Coordinating Body for Preservation of the Ministry of Education and Science of the Republic of Kazakhstan, 4 articles in international journals with an impact factor according to the Joint Research Center (JCR) or the Scopus database, and 8 publications in international conference proceedings. Publication completeness requirements are met.

4.4 Analysis topics work Turlykozhaev oy Given " Information-entropy method for routing wireless networks" under the educational program 8D06201 – "Radio Engineering, Electronics and Telecommunications"

The topic of this dissertation is highly relevant due to the growing need for routing optimization and improving the reliability of wireless mesh networks (WMN), which is especially important for the development of modern telecommunication systems.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

This work is in line with priority areas of digitalization, the development of intelligent telecommunications systems, and programs to improve the sustainability of ICT infrastructure, as outlined in the Digital Kazakhstan Strategy and the Scientific and Technological Development Program.

Analysis of the level of implementation of dissertation results in practical activities.

The dissertation results were validated by NS-3 simulations, experiments with MIMO devices, and the implementation of prototypes in Python. The results were validated at international conferences and in scientific publications. Eight papers were published based on the research findings. scientific papers, including: 4 articles in journals recommended by the KOKSON MNVO RK, 8 articles in international journals indexed in the Scopus database, as well as 1 publication in the proceedings of an international conference.

4.5 Analysis topics work of Isimova Aigerim "Device for converting mechanical vibrations into electrical signals" in the specialty 6D071900 - "Radio engineering, electronics and telecommunications".

This dissertation focuses on one of the most pressing areas of modern science and technology: the creation of autonomous energy sources and their use in low-power electronic devices. Energy generated by converting mechanical vibrations into an electrical signal is considered an effective way to power sensor networks and wireless devices. The proposed electromagnetic converter design is aimed at solving practical problems in this area, demonstrating the high relevance of the research topic from both a scientific and applied perspective.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The dissertation was completed within the framework of the state project AP23487678 - "Development of a small-sized, energy-efficient and broadband converter for converting mechanical vibrations of the environment into electrical signals."

Analysis of the level of implementation of dissertation results in practical activities.

Based on the results of the study, 3 scientific papers were published, including: 1 article in a journal recommended by the Committee for the Study of the Environment and the Environment of the Republic of Kazakhstan, 1 article in an international journal included in the Scopus database,

and 1 report in the proceedings of an international conference.

4.6 Analysis topics work Nurlankyzy Aigul "Development of an intelligent method for detecting speech signals with a low signal-to-noise ratio" in the specialty 6D071900 - Radio engineering, electronics and telecommunications.

The relevance of this dissertation stems from the need to develop reliable and robust VAD methods for modern telecommunications systems, especially in environments with low signal-to-noise ratios. In such acoustically challenging environments, traditional VAD algorithms lose effectiveness, directly impacting the quality of voice communication and the reliability of voice control systems. The development of intelligent solutions based on neural network models is particularly important within the framework of the implementation of the National Programs of the Republic of Kazakhstan and the development of IoT infrastructure, where VAD plays a key role in improving voice transmission efficiency, reducing device power consumption, and more efficiently utilizing radio resources.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

This dissertation fully complies with the priorities of state scientific and technical policy and the provisions of the National Project "Accessible Internet" (2023–2027), approved by the Decree of the Government of the Republic of Kazakhstan. The research aims to address a pressing scientific and practical issue: improving the stability and accuracy of speech signal processing in an unstable telecommunications environment. The work draws on modern approaches in artificial intelligence and machine learning, which aligns with the strategic direction of introducing digital technologies and intelligent systems into the communications and telecommunications sector.

Analysis of the level of implementation of dissertation results in practical activities.

Based on the research results, 8 scientific papers were published, including 5 articles in journals recommended by the Committee on the Protection of Humanities and the Ministry of Education and Science of the Republic of Kazakhstan, 2 articles in international journals indexed in the Scopus database, and 1 certificate of inclusion of information in the state register of rights to objects protected by copyright.

4.7 Analysis topics work Amirkhanova Dana "A lattice-based post-quantum public-key encryption scheme using ElGamal principles" under the educational program 8D06301 – "Information Security Systems".

The relevance of this research stems from the need to develop new cryptographic solutions in the face of the advent of quantum computing, which can threaten the security of classical cryptosystems. The development of post-quantum information security protocols is an important task for ensuring cybersecurity in critical infrastructures, financial systems, and for protecting personal data and digital services.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The subject matter of the work corresponds to the objectives of the Cybersecurity Concept "Cyber Shield of Kazakhstan", approved by the Decree of the Government of the Republic of Kazakhstan dated June 30, 2017 No. 407 (as amended by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan dated March 17, 2023 No. 236), as well as the provisions of the Strategy "Kazakhstan-2050" and the State Program "Information Kazakhstan-2020".

Analysis of the level of implementation of dissertation results in practical activities.

Based on the research results, it was published 4 scientific works, including: 3 articles in journals recommended by the Committee for the Supervision of Higher Education of the Ministry of Higher Education of the Republic of Kazakhstan, 1 article in international journals, indexed in

the Scopus & Web of Science database .

4.8 Analysis topics work Urynbasarova Altyna "Creation of hybrid transformations for solving signal processing problems in systems" in the specialty 6D070300 - "Information systems".

This dissertation focuses on the development and study of one of the most pressing areas of modern science and engineering: the creation of hybrid transforms for studying non-stationary signals. This important and valuable method can ensure high-accuracy signal detection and parameter estimation through the creation of hybrid transforms. Signals are used in information and communication, radar, and hydroacoustic systems. Therefore, signal detection and estimation are among the most important topics in engineering. A new hybrid transform is considered an effective method for signal analysis. The proposed hybrid transform is aimed at solving practical problems in this area, demonstrating the high relevance of the research topic from a scientific and applied perspective.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The dissertation work was completed within the framework of the IRN project No. A R 14871252 - "Creation and study of quaternion Fourier transforms and their application in the creation of information systems for solving problems of geophysics and geochemistry."

Analysis of the level of implementation of dissertation results in practical activities.

According to the results of the study, 5 scientific papers with a total volume of 11.75 printed pages were published, including:

1 article in an international peer-reviewed scientific journal with an impact factor of 3.1 according to Journal Citation Reports, indexed in the Clarivate Analytics Web of Science Core Collection Science Citation Index Expanded (SCIE) and Scopus databases with a CiteScore of 6.9;

1 article in the proceedings of an international scientific and practical conference, indexed in the Clarivate Analytics Web of Science Core Collection Conference Proceedings Citation Index (CPCI) database;

Chapter 1 books included V international base data scientific books Clarivate Analytics Web of Science Core Collection Book Citation Index, Directory of Open Access Books (DOAB), China National Knowledge Infrastructure (CNKI), Crossref (DOI), Zentralblatt MATH (zbMATH) and etc .;

1 article published in an international peer-reviewed journal with a Journal Citation Impact Factor of 2.3 Reports indexed in Clarivate Analytics' Web of Science Core Collection Science Citation Index Expanded (SCIE) and CiteScore 4.0,

1 monograph published by Everest Publishing House, Almaty.

4.9 The analysis of the subject of work of – Mussabekov Nazarbek «Synthesis of a hybrid control system for compound technological complex of copper smelting production», submitted for the PhD in specialty 6D070200 – «Automation and control».

Dissertation work of a doctoral candidate of KazNRTU named after K. Satbayev – Mussabekov Nazarbek Rassulbekovich is is devoted to the synthesis of an effective hybrid control system for copper smelting production, enabling the transition to a high-level optimization criterion that considers the tasks for the main processes.

This work successfully addressed problems related to the development of algorithms and control models based on intelligent and hybrid technologies, accumulated knowledge, the experience and intuition of process operators, and real-time data.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The topic of the research corresponds to the Resolution of the Government of the Republic of

Kazakhstan dated July 29, 2020, No. 479 "On approval of the Action Plan for the implementation of the Concept for the transition of the Republic of Kazakhstan to a green economy for 2021–2030", which provides for the development and implementation of highly efficient and environmentally safe technological solutions in industrial production, including in the metallurgical sector.

Analysis of the level of implementation of the thesis results in practice.

During the period of work, 13 printed works were published, including 8 articles in international scientific conferences, including 4 in foreign conferences (Lublin, Poland), 1 article in an engineering and technical journal, 1 article in a journal from the List of publications recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan and 3 articles in international peer-reviewed scientific journals included in the Scopus/Web of Science database.

4.10 The analysis of the subject of work of – Tasbolatova Laura «Research of safety issues in data transmission in automated train traffic control systems on transport corridors of the Republic of Kazakhstan », submitted for the PhD in educational program 8D07101 – « Automation and Robotization».

Dissertation work of a doctoral candidate of KazNRTU named after K. Satbayev Tasbolatova Laura Talgatqyzy is to ensure data transmission safety in the development of the national intelligent system with a modular architecture KZ-MPC-MA – designed for controlling switches and signals. This system is intended to be integrated into the existing interval train traffic control system, RBTC (developed by Bombardier Transportation), which is currently implemented on the mainline railway network of Kazakhstan.

Based on the work performed, the tasks related to the development of an automated control system for station facilities and the development of a computer model of a data transmission channel for researching issues and solving problems in railway automation and telemechanics systems were successfully solved. These results are relevant in analyzing and preparing for the modernization of centralization devices, providing for their replacement with more modern intelligent solutions, with the necessary recommendations for their further development.

The connection of the dissertation topics with the areas of scientific development that have been formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

The results obtained in this dissertation have practical value in the development of a data transmission channel model based on the TETRA standard, as well as in the context of tasks carried out within the grant-funded project AP13068231 «Research and development of algorithms for the operation of the national system of electronic interlocking of point machines and signals». These results are relevant for the analysis and planning of modernization efforts concerning interlocking systems, including their replacement with advanced intelligent solutions, and serve as a basis for formulating recommendations for their further development.

Analysis of the level of implementation of the thesis results in practice.

Based on the materials of the dissertation, a total of 12 scientific papers have been published, along with 1 invention patent including:

- 3 articles published in journals indexed in international databases such as Scopus and Web of Science;
- 5 publications in journals included in the list of the Committee for Quality Assurance in the Sphere of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan;
- 4 publications in the proceedings of conferences, symposia, and seminars.

5. Analysis of the work of official reviewers (with examples of the worst reviews)

No.	Full name doctoral student	Reviewers	
		Full name reviewer 1 (position, academic degree, rank, quantity publicationsBy specialties for last 5 years)	**Full name of reviewer 2** (position, academic degree, rank, quantity publicationsBy specialties for last 5 years)
1	Faizullin Adil	Kaliaskarov Nurbol - PhD, Acting Head of the Department of Communication Technologies and Systems, NAO Karaganda Technical University named after Abylkas Saginov, Karaganda, Kazakhstan	Rostislav Valerievich - Candidate of Technical Sciences, Associate Professor of the Department of Cybersecurity at the International University of Information Technologies, Almaty, Kazakhstan
2	Erbosynova Anargul	Denisova Natalya– Candidate of Physical and Mathematical Sciences, Associate Professor, Digital Officer of the NAO "East Kazakhstan Technical University named after D. Serikbaev", Ust-Kamenogorsk, Republic of Kazakhstan	Utepbergenov Irbulat – Doctor of Technical Sciences, Professor of the Department of Automation and Control, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeev, Almaty, Republic of Kazakhstan
3	Iskakova Aigul	Orazbaev Batyr - Doctor of Technical Sciences, Professor of the Department of Systems Analysis and Management of the L.N. Gumilyov Eurasian National University, Astana, Republic of Kazakhstan	Utepbergenov Irbulat– Doctor of Technical Sciences, Professor of the Department of Automation and Control, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeev, Almaty, Republic of Kazakhstan
4	Turlykozhaeva Dana	Albanbay Nurtai – PhD, Associate Professor, Department of Cybersecurity, Information Processing and Storage, Institute of Automation and Information Technology, Kazakh National Research Technical University named after K.I. Satpayev, Almaty, Republic of Kazakhstan	Mukhamedzhanova Almira – PhD, Associate Professor, Department of Telecommunications Engineering, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeev, Almaty, Republic of Kazakhstan
5	Isimova Aigerim	Orazalieva Sandugash – PhD, Head of the Department of Electronic Engineering, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeev, Almaty, Republic of Kazakhstan	Bakhtiyarova Elena – Candidate of Technical Sciences, Head of the Department of Radio Engineering, Electronics and Telecommunications, International University of Information Technology, Almaty, Republic of Kazakhstan.
6	Nurlankyzy Aigul	Aitmagambetov Altay– Candidate of Technical Sciences, Academician of the International Academy of Telecommunications, Professor, International University of Information Technologies, Almaty,	Rakhimova Diana – PhD, Senior Lecturer, Department of Information Systems, Al-Farabi Kazakh National University, Almaty, Kazakhstan

		Kazakhstan	
7	Amirkhanova Dana	Zhukabaeva Tamara – PhD, Professor, Department of Information Systems, L.N. Gumilyov Eurasian National University, Astana, Kazakhstan	George Iashvili – PhD, Associate Professor, Department of Information Technologies, Caucasus University, Tbilisi, Georgia
8	Urynbasarova Altyn	Bektemysova Gulnara – Candidate of Technical Sciences, Professor, International University of Information Technologies, Department of Computer Engineering, Almaty, Republic of Kazakhstan.	Vasily Serbin - Candidate of Technical Sciences, Associate Professor, Acting Head of the Department of Cybersecurity, Information Processing and Storage, KazNITU named after K.I. Satpayev, Almaty, Republic of Kazakhstan.
9	Musabekov Nazarbek	Kadirov Yorkin– Candidate of Technical Sciences, Associate Professor, Head of the Department of Automation and Control, Navoi State Mining and Technological University.	Zhamangaryn Dusmat – PhD, Head of the Department of Systems Analysis and Management, L.N. Gumilyov Eurasian National University.
10	Tasbolatova Laura	Kismanova Aigerim – Candidate of Technical Sciences, Senior Lecturer of the Department of Electrical Equipment Operation at the Saken Seifullin Kazakh Agrotechnical Research University	Abzhanova Laulasyn - Doctor of Philosophy (PhD), Associate Professor , Head of the Department of Automation and Control, Almaty University of Power Engineering and Telecommunications named after Gumarbek Daukeev

All reviewers have research experience, published works in the areas of dissertations and meet the requirements.

6 **Proposals for further improvement of the system of training scientific personnel.** Increase the requirements for the work of scientific consultants (especially from Kazakhstan) doctoral students in terms of the proposed topics of dissertation research and their leadership in the training of scientific personnel.

Data on the considered dissertations for the degree of doctor of philosophy PhD, doctorof profile

Dissertation Council	Code and title of specialty					
	6D071900 - "Radio Engineering, Electronics, and Telecommunications"	8D06201 – Radio Engineering, Electronics, and Telecommunications	8D06301 – "Information Security Systems"	6D070300 – Information Systems	6D070200 – "Automation and Control"	8D07101 – "Automation and robotization"
Dissertations accepted for defense	3	1	1	1	3	1
Including doctoral students from other universities	2	1	-	1	-	-
Dissertations withdrawn fromconsideration	-	-	-	-	-	-
Including doctoral students from other universities	-	-	-	-	-	-
Dissertations that received Negative reviews from reviewers	-	-	-	-	-	-
Including doctoral students from other universities	-	-	-	-	-	-
Dissertations with a negativedecision on the results of the defense	-	-	-	-	-	-
Including doctoral students from other universities	-	-	-	-	-	-
Dissertations aimed at completion	-	-	-	-	-	-
Including doctoral students from other universities	-	-	-	-	-	-
Dissertations aimed at repeated defense	-	-	-	-	-	-
Including doctoral students from other universities	-	-	-	-	-	-

Deputy Chairman
of the Dissertation Council
in Information and Telecommunication
Technologies, PhD **Z. Kalpeyeva**

Scientific Secretary
of the dissertation Council
in Information and Telecommunication
Technologies, PhD **K.Taissariyeva**