

Report
about the work of the Dissertation Council in the field of "Mechanical Engineering" (GOP D103 - "Mechanics and Metalworking"; GOP D113 - "Technology of Materials Processing by Pressure") for the 2024 academic year

Dissertation Council "Digital Engineering of Machines and Equipment" at the NAO "Kazakh National Research Technical University named after K.I. Satpayev" in the direction of training personnel in the following specialties (direction of personnel training):

6D071200 — Mechanical Engineering
 8D07102 – “Mechanical Engineering”
 8D07101 – “Mechanical Engineering”
 8D07110 — «Digital engineering of machines and equipment»;
 8D07208 - "Additive Manufacturing"
 8D07113 - "Additive Manufacturing"
 GOP D103— Mechanics and metalworking

Approved by the order of the rector No. 456-P / O dated 08.10.2024, the amendment made to the order of the rector dated March 4, 2022 No. 65-P / P, "Based on the decision of the Academic Council of KazNITU named after K. I. Satpayev".

1. Number of conducted working meetings-16. Number of meetings held for the defense of dissertations-8.
2. The names of the council members who attended less than half of the meetings are not available.
3. List of doctoral students with indication of the organization of training.

The following dissertations will be presented in the DS in 2024: doctoral students:

No.	Full name of the doctoral student	Dissertation Topic	Code and name specialties	Year completion of doctoral studies	Organization training
1	Suleimenov Ansagan Dyusembayevich	Development and justification of the parameters of a mill for grinding bulk materials	6D071200 – Mechanical engineering.	2019	NAO "East Kazakhstan Technical University named after D. Serikbaev"
2	Aukenova Bekzat Kabykenkyzy	Justification of parameters and development of the design of a blade with variable geometry for a bulldozer- terracer	6D071200 – Mechanical engineering.	2021	NAO "East Kazakhstan Technical University named after D. Serikbaev"
3	Karpov Alexander Pavlovich	Improving the design of elastic elements of the undercarriage of the TE33A series diesel locomotive to improve dynamic performance	6D071300 – “Transport, transport equipment and technologies”	2021	International Transport and Humanitarian University
4	Sagyntai	Development and	6D071200 –	2021	KazNITU named

	Mukhagali Karatayuly	design of machine mechanisms for layer-by-layer reinforced concrete pouring	Mechanical Engineering		after K.I. Satpaeva
5	Sarybaev Erzhan Ergalyevich	Research and development of invariant chamber pneumatic drives for technological machines	OP 8D07110 – “Digital engineering of machines and equipment”.	2023	KazNITU named after K.I. Satpaeva
6	Bazenov Gabit Maksutovich	Research on precision and productivity improvement of waterjet machining	8D07101 – Mechanical Engineering	2022	NJSC "Toraigyrov University"
7	Nurkimbayev Sagynysh Maratovich	Improving the efficiency of wind turbines based on the study of input design parameters	8D07101 – Mechanical Engineering	2024	NJSC "Toraigyrov University"
8	Balgaev Doszhan Ergenovich	Study of the operation process of valve units of improved design of sucker rod borehole pumps	OP 8D07110 – “Digital engineering of machines and equipment”.	2024	JSC "Kazakh National Research Technical University named after K.I. Satpayev"

Brief analysis of dissertations, presented to the council.

The dissertations of doctoral students submitted to the council, 2024 year - 8.

The 8 (eight) works presented in the DS correspond to the council's specialties and were reviewed at a meeting of the relevant department with a positive conclusion.

Dissertations are completed in accordance with the requirements.

Dissertations are aimed at examining the created council of expert commissions consisting of 3 (three) people in each specialty.

Acceptance of the dissertation for defense, appointment of reviewers and determination of the date and place of defenses were carried out at regular meetings of the Dissertation Council after receiving the conclusions of the expert commissions on each dissertation work.

An analysis of the work of reviewers with examples of the most poor quality reviews.

In accordance with the requirements of regulatory documents, at the next meeting the DS appointed reviewers for each dissertation, who submitted written reviews in the form in accordance with Appendix 5 to this Model Regulation within the strictly established timeframe. All reviews contain comments on the works reviewed, while it is noted that the comments are advisory in nature and do not affect the content of the work, and all dissertations were recommended for defense. There were no poor-quality reviews submitted by reviewers.

Proposals for further improvement of the system of training scientific cadres.

Quantity of dissertations for the degree of Doctor of Philosophy (PhD) doctor by profile in terms of specialties (areas of personnel training): 8.

Dissertations accepted for defense - 3 (three), works were presented by doctoral students of the

NAO Kazakh National Research Technical University named after K.I. Satpayev, 1 (one) work was presented by a doctoral student of the International Transport and Humanitarian University, 2 (two) works from NJSC VKTU named after D. Serikbaev, 2 (two) works from NJSC "Toraigyrov University".

2) Dissertations withdrawn from consideration (including doctoral students from other universities) - no;

Dissertations that have received negative reviews from reviewers (including (including doctoral students from other universities) - no;

Dissertations with a negative decision following the defense (including doctoral students from other universities) - no;

Dissertations submitted for revision (including doctoral students from other Universities) - no;

Dissertations submitted for re-defense (including doctoral students from other universities) - no.

Chairman Dissertation Council:

Scientific secretary:



K.K. Yelemessov

D.D. Baskanbayeva