

## Resume of the faculty

<b>Full Name: Ishchanova Ayslu Shaidulovna</b>	
<b>Education:</b>	
2002-2005	Higher, Ekibastuz Engineering-Technical Institute named after Academician K. Satpaev (EITI), Major: Railway Construction, Track and Track Facilities.
2017-2018	Master's, KazADI named after L. B. Goncharov, Construction
2005	Professional Qualification: Engineer
2018	Master of Technical Sciences
<b>Experience:</b>	
<u>Academic: -</u>	
<i>Work in this organization:</i>	
2005-2025	Lecturer, Senior Lecturer, Head of the Department of "Construction"
2005-2025	Building Materials, Engineering Systems of Buildings and Structures, Theoretical and Practical Aspects of Reinforced Concrete and Masonry Structures Design, Geotechnics
2005-2025	Employment: Full-time
<i>Previous jobs in educational institutions: -</i>	
<u>Non-academic:</u>	
<b>Professional development:</b>	
2020-2025	Certificates:
22.07.2024-03.08.2024	Professional Development Courses: Design of Modern Buildings and Structures, Levels 1 and 2 of Responsibility. LLP "GIDROPROM," Ekibastuz
31.01.2024-15.02.2024	Professional Development Courses: Management of Educational Organizations for Executives. Association of Higher Education Institutions of the Republic of Kazakhstan, Almaty
14.08.2023-26.08.2023	Professional Development Courses: Geotechnical Justification of Construction (Geotechnics, Engineering Geology). Center for Training and Retraining of Personnel of the Heat and Power Complex, Ekibastuz
31.07.2023-11.08.2023	Professional Development Courses: Theoretical and Practical Aspects of Reinforced Concrete and Masonry Structures Design (Theoretical and Practical Aspects of Reinforced Concrete and Masonry Structures Design; Masonry and Reinforced Masonry Structures; Basics of Structural Design with Modeling Elements). Center for Training and Retraining of Personnel of the Heat and Power Complex, Ekibastuz
17.07.2023 - 29.07.2023	Professional Development Courses: Modern Engineering Systems and Building Equipment. LLP "Vershina," Ekibastuz
03.07.2023-14.07.2023	Professional Development Courses: Reconstruction of Buildings and Structures: Surveying, Design, and Technology of Repair and Construction Works (Technology of Repair and Construction Works; Surveying and Repair of Buildings and Structures; Materials Science Aspects of Design). Center for Training and Retraining of Personnel of the Heat and Power Complex, Ekibastuz
05.06.2023-16.06.2023	Professional Development Courses: Architecture, Fundamentals of Energy-Efficient Design, and Construction of Civil and Industrial Buildings (Engineering Structures; Engineering Systems of Buildings and Structures; Energy-Saving Technologies of Engineering Systems; Architecture of Civil Buildings and Structures). Center for Training and Retraining of Personnel of the Heat and Power Complex, Ekibastuz

19.06.2023-30.06.2023	Professional Development Courses: Regulatory and Technical Documentation in Construction
1.08.2022 - 12.08.2022	Professional Development Courses: Building Materials and Structures. Non-Governmental Quality Assessment Center, Almaty
15.08.2022 - 26.08.2022	Professional Development Courses: Construction Safety and Quality of Installation of Engineering Systems and Networks. Non-Governmental Quality Assessment Center, Almaty
<b>Membership in Professional Organizations:</b>	
2010-2019	Nur Otan
<b>Awards and Honors:</b>	
2018-2025	Certificate of Appreciation – Nur Otan for the 25th Anniversary of EITI named after Academician K. Satpaev (2019)
	Honorary Diploma – Akim of Ekibastuz City – for Teacher’s Day (2020)
	Monetary Incentives/Awards
<b>Professional Activities: –</b>	
<b>Publications and Presentations:</b>	
16.05.2025	Sakanov K. T., Unaibaev B. Zh., Ishchanova A. Sh. Systematic and Comprehensive Approach to Solving the Problem of Construction and Operation of Facilities on Saline Dusty Clay Soils. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 250-254. (ПИИИ)
	Filatov A. V., Ishchanova A. S., Belyanina E. A. Inspection of the Technical Condition of the Columns of the Coal Processing Plant. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 138–141.(ПИИИ)
	Unaibaev B. Zh., Dainova Zh. Kh., Ishchanova A. Sh., Arynov D. S. On the Classification of Salinity and Aggressiveness of Soils and Groundwater. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 269–275. (ПИИИ)
16.05.2024	Bazarov B. A., Konakbayeva A. N., Ishchanova A. Sh. Quantitative Analysis of Three-Stemmed Bushes under Laboratory Experimental Conditions. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2024, pp. 137–141. (ПИИИ)
	Unaibaev B. Zh., Dainova Zh. Kh., Ishchanova A. Sh., Arynov D. S. On the Classification of Salinity and Aggressiveness of Soils and Groundwater. Article. International Scientific and Practical Conference as part of the Satpayev Readings, EITI, 2025, pp. 269-275. (ПИИИ)
03.05.2023	Unaibaev B. Zh., Unaibaev B. B., Kim E. E., Kanaeva T. A. Installation of Pile Foundations in Saline Dusty Clay Soils of the Carbonate Salinity Type. Russia, Scientific Review. Technical Sciences, No. 2, 2023, pp. 22–26.
02.02.2023	Unaibaev B. Zh., Unaibaev B. B., Kanaeva T. A., Kim E. E. Algorithm for Surveying, Designing, and Constructing Buildings and Structures on Territories Composed of Saline Dusty Clay Soils. Innovative Scientific Research, 2023, No. 2-1(26), pp. 85–92.
November 24–25, 2022	Unaibaev B. Zh., Unaibaev B. B. Preventive Technologies for Ensuring Safe Operation of Buildings and Structures on Saline Dusty Clay Soils. Problems of Construction Production and Real Estate Management: Proceedings of the VII International Scientific and Practical Conference, November 24–25, 2022, Kemerovo: Kuzbass State Technical University named after T. F. Gorbachev, 2022, 384 pp., pp. 298–303.
16.05.2022	Unaibaev B. Zh., Unaibaev B. B. Problems of Construction Production and

	Real Estate Management. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022.
16.05.2022	Unaibaev B. Zh., Unaibaev B. B., Atkonova K. N. Surveys for the Construction of Buildings and Structures on Carbonate Dusty Clay Soils (Developing SNIP RK 1.02-18-2004, SNIP RK 5.01-03-2002). International Scientific and Practical Conference Dedicated to the Founder of EITI named after Academician K. Satpaev, Doctor of Physical and Mathematical Sciences, Academician of the Academy of Pedagogical Sciences of Kazakhstan Mardenov M. P. and the 65th Anniversary of Ekibastuz City, within the XXI Satpaev Readings, 2022.
2022	Bazarov B. A., Kaldanova B. O., Zholtanog Sh. G. The Methodology of the Study of the Building Structures of the "Engineering Support Block" LLP "TAA" with the Results of the Survey. Proceedings of the International Scientific and Practical Conference. Ekibastuz: Branch of KuzSTU in Prokopyevsk, 2022, pp. 369–374.
<b>New Scientific Developments:</b>	
2022-2025	Study Guide.Өндірістік ғимараттарды жобаландыру негіздері: оқу құралы/ Foundations of Designing Industrial Buildings. Ishchanova A. Sh., Kanaeva T. A. – Ekibastuz: EITI named after Academician K. Satpayev, 2022. – 198 pp.
	Study Guide. Жөндеу-құрылыс жұмыстары технологиясы: оқу құралы/ Technology of Repair and Construction Works. Ishchanova A. Sh., Kanaeva T. A. – Ekibastuz: EITI named after Academician K. Satpayev, 2022. – 198 pp.
	Study Guide.Азаматтық ғимараттарды энергиялық тиімді жобалау және салу. Energy-Efficient Design and Construction of Civil Buildings: Study Guide, ISBN 978-601-7609-67-2 / Ishchanova A. Sh., Kanaeva T. A. – Ekibastuz: EITI named after Academician K. Satpayev, 2021. – 137 pp.
	Study Guide. Ғимараттар мен құрылыстарды техникалық пайдалану/ Technical Operation of Buildings and Structures: Study Guide, ISBN 978-601-7609-66-5
06.01.2025 – 31.12.2027	Research Topic: Surveying, Design, and Construction on Salt-Containing Dusty-Clayey Soils. Contract with LLP "Agro-Service." 2025–2027.
10.01.2022 - 31.12.2024	Research Topic: Development of Recommendations for the Design of Protective and Load-Bearing Silicate Casings of Bored Piles in Salt-Containing Dusty-Clayey Soils. 2024.
<b>Additional Information:</b>	
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