

### Reference

about the applicant for the academic title of "professor"  
by specialty 20300 Mechanical engineering  
(code and name of the specialty)

1	Surname, name, patronymic (if any)	Yelemessov Kassym
2	Academic degree (candidate of science, doctor of science, doctor of philosophy (PhD), doctor of profile) or academic degree of doctor of philosophy (PhD), doctor of profile or doctor of philosophy (PhD), doctor of profile, date of award	Postgraduate studies, academic degree of Candidate of Technical Sciences FK № 0008080, 02.03.2001 y.
3	Academic title, date of award	By specialty Energy, metallurgical, chemical engineering, Associate Professor ДЦ № 000733, 27.02. 2007 г.
4	Honorary title, date of award	
5	Position (date and number of the appointment order)	№1174 от л/с 02.09.2021г. Director of the Institute of Energy and Mechanical Engineering, NAO KazNRTU name after K.I. Satpaeva
6	Experience of scientific, scientific and pedagogical activity	The total experience is 23 years, after receiving the scientific degree of Associate Professor - 16 years, the position of head of the department - 4 years, the position of director of the institute - 3 years.
7	Number of scientific articles after defending a thesis / receiving the academic title of associate professor (associate professor)	Scopus-14, Kokson - 14, Patent -6, Articles published in other scientific journals and editions - 21, international scientific and practical conferences - 10, RSCI -1,
8	The number of monographs, textbooks, single-handedly written educational (teaching and methodological) manuals published over the past 5 years	foreign collective monograph -1, Tutorials -4.
9	Persons who defended a thesis under his supervision and have an academic degree (candidate of science, doctor of science, doctor of philosophy (PhD), doctor of science) or academic degree of doctor of philosophy (PhD), doctor of science or doctor of philosophy (PhD), doctor profile	Igbayeva Akzharkyn Yesentaevna. By the decision of the dissertation council, dated 02.12.2022, she was awarded the degree of Doctor of Philosophy (PhD) in the specialty and (or) educational program 8D07110 - Digital Engineering of Machines and Equipment.  Nurymov Erlik Kydyralievich. By the decision of the dissertation council, dated May 12, 2023, she was awarded the degree of Doctor of Philosophy (PhD) in the specialty and (or) educational program 6D071200 - Mechanical Engineering.  Dyusebaev Ilyas Murzakhanovich. By the decision of the dissertation council, dated May 12, 2023, she was awarded the degree of Doctor of Philosophy (PhD) in the specialty and (or) educational program 6D071200 - Mechanical Engineering.
10	Laureates trained under his leadership, winners of republican, international, foreign competitions, exhibitions, festivals, prizes,	

	olympiads	
11	Champions or prize-winners of the World Universiades, Asian Championships and Asian Games, champions or prize-winners of Europe, the World and the Olympic Games prepared under his leadership	
12	Additional Information	<p><i>Scientific projects:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> PCF project BR18574141 Comprehensive multi-target program to improve energy efficiency and resource saving in the energy sector and mechanical engineering for the industry of Kazakhstan, 2023-2024 Project leader.</li> <li><input type="checkbox"/> Under the project №. 4104 of the MTsRIiAP RK "Production of sodium silicate using innovative energy-saving technology", the head of the subproject. 2021-2022</li> <li><input type="checkbox"/> Research project №. 26/01 dated 01/26/2022 "Conducting studies to assess the performance properties of old-year rails, determining their survivability and residual service life, the feasibility and safety of their use on the railways of the Republic of Kazakhstan" responsible manager 01.03.2022-01.10.2022 y.y.</li> <li><input type="checkbox"/> Project GF №. 2018 / AR05131236 "Modernization of mining and metallurgical equipment using innovative materials and drive layouts" 2018-2020, responsible executor</li> <li><input type="checkbox"/> PCF project 2018 / BR 05235618 "Development and implementation of manufacturing technology for small-volume structures of drives for mining and metallurgical machines from fiber-reinforced concrete" 2018-2020, scientific supervisor of the project</li> <li><input type="checkbox"/> Project №. 757.MON.GF.15.EM.1 "Development of a long-stroke balancing drive of sucker rod pumps based on serial pumping units" senior researcher 2015-2017.</li> </ul> <p><i>With his direct participation, the following types of work were carried out:</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Accreditation of educational programs: Operational and service engineering and Digital engineering of machines and equipment in the international agency ASIIN for 5 years.</li> <li><input type="checkbox"/> Accredited Laboratory "Operation of machines and automation of industrial complexes" created in order to implement the program (GPIIR-2). The laboratory was created at the Department of Technological Machines and Transport and has a license KZ.T.02.226 dated September 11, 2019. Scope of accreditation GOST 3900-85 GOST 6370-83 GOST 1756-2000 GOST1437-75 GOST 2517-12.</li> </ul> <p>- The educational program "Transport Services" has successfully passed the international accreditation in the European Logistics Association (ELA), thereby confirming the compliance of the content of the educational program with the 4th level ELA Standards. ELA unites in its ranks more than 30 European logistics organizations (headquartered in Brussels, Belgium).</p>

		<p>Information about the accreditation of our educational program is available on the official website of ELA.</p> <ul style="list-style-type: none"> <li>- AGREEMENT on double-diploma programs between the Kazakh National Research Technical University name after K.I.Satpaev and the Silesian Polytechnic University. (Poland) (Department of TMT)</li> <li>- A Memorandum of Cooperation between Eurasian Machinery LLP and the Kazakh National Research Technical University named after K.I. Satbaev. (Department of TMT)</li> <li>- A Memorandum of Cooperation was concluded between Aktobe Rail and Section Works LLP and the Kazakh National Research Technical University named after K.I. Satbaev. (Department of TMT)</li> <li>- A Memorandum of Cooperation between JSC NC "Kazakhstan Temir Zholy" and the Kazakh National Research Technical University named after K.I. Satbaev. (Department of TMT).</li> </ul> <p>Chairman of the NSC in the direction of "Energy and mechanical engineering"</p>
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**Governing Board member – Vice-Rector for Corporate Development and strategic planning**



**Y.I. Kuldeyev**