

Summary of the teaching staff

Full name: Aliya Amanzholovna Mazhit	
Education:	
1998-2002	E.A. Buketov Karaganda State University, specialty "Chemistry", qualification chemist – teacher
2002-2005	E.A. Buketov Karaganda State University, specialty "Organic Chemistry" (Master's degree)
2005-2008	Chemical and Metallurgical Institute named after J.Abishev, specialty "Physical Chemistry" (postgraduate course).
2010	E.A. Buketov KarSU, defense for degree of Candidate of Chemical Sciences in the specialty "02.00.04 – Physical chemistry".
Work experience:	
Academic:	
<i>Work in this organization</i>	
01.09.2010-30.08.2013	Associate Professor of the Department of Thermal Power Engineering and Metallurgy
1.09.2013-30.07.2020	Associate Professor of the Department of Power Engineering and Metallurgy
June 2020-September 2021	Associate Professor, Department of Metallurgy and NS
September 22, 2021	Head of the Department of Metallurgy and NS
2010- to present	List of subjects taught: Theory and Technology of Thermal and Chemical Thermal Treatment, Chemistry, Chemical Analysis of Solutions in Metallurgy, Physical-chemical Fundamentals of Metallurgical Processes
Period:	Full-time/part-time employment
Previous jobs in educational organizations:	
01.09.2002-2003	Chemistry teacher at Secondary School No. 44, Karaganda region, Karkaralinsk (full-time)
Non-academic:	
25.08.2003-12.11.2004	Senior laboratory assistant in laboratories of "Ferroalloys and reduction processes" at Chemical and Metallurgical Institute named after J.Abishev, Karaganda
12.11.2004-01.11.2005	Engineer in laboratories of "Ferroalloys and reduction processes" at Chemical and Metallurgical Institute named after J.Abishev, Karaganda
01.11.2005-01.11.2008	Postgraduate studies at the Chemical and Metallurgical Institute named after J.Abishev, Karaganda
03.11.2008-28.07.2010	Junior Researcher at the Laboratory of "Physics, chemistry and technology of related elements" at the Chemical and

	Metallurgical Institute named after J.Abishev, Karaganda
Professional development:	
November 2019	Innovative Eurasian University "Actual problems in metallurgy: Foundry production; Metallurgy of precious and rare metals; Thermal engineering processes of installation"
September 2018	Kuzbass State Technical University named after T.F. Gorbachev , "Problems and prospects of introducing innovative teaching methods at the university"
August 2017	Kuzbass State Technical University named after T.F. Gorbachev "Modern scientific research"
October 2019	KAZPROFI Training Center LLP, "Modern methods of protecting metals from corrosion"
August 2020	KAZPROFI Training Center LLP, "Technology of metallurgical production"
October 2020	Antiplagiat JSC "Expert assessment of the originality of scientific papers using the Antiplagiat system"
October 2020	Organized by Polish company Plagiat.pl "Prevention of plagiarism before publication in scientific journals indexed by SCOPUS, Web of Science. What do the laws of Kazakhstan, Central Asia and the EU say about plagiarism?"
December 2020	Association of Higher Educational Institutions of the Republic of Kazakhstan "Management of an educational organization for managers"
May 2021	Kazakhstan Quality Organization under the program "Anti-corruption Management System. ISO 37001:2016", certified as an "Internal Auditor of Anti-corruption Management Systems"
July 2021	Promising methods for production of metals, nanomaterials and powder materials in metallurgy
June 2021	Low-waste technologies when using material resources from dust and gas cleaning plants
May, 2022	Non-Governmental Quality Assessment Center LLP, "Theory and technology of metallurgical processes"
June, 2022	LLP "Non-governmental Center for Quality Assessment", "Promising technologies for obtaining materials".
July 2023	LLP "Non-governmental Center for Quality Assessment", "Features of organization and methodological support of inclusive education in universities".
July – August 2023	LLP "Center for training and retraining of personnel of heat and energy complex", "Theory and technology of thermal and chemical thermal treatment"
August 2023	LLP "Center for training and retraining of personnel of heat and energy complex", "Chemistry"
January – February 2024	Association of Higher educational institutions of the Republic of Kazakhstan "MANAGEMENT of EDUCATIONAL

	ORGANIZATION FOR MANAGERS"
October 2024	"Generative AI for University Leaders"
November, 2024	PO digital literacy on the topic "Risks and opportunities of using artificial intelligence in the academic environment", coach Rustam Gulov, international expert, Tajikistan
Membership in professional organizations:	
2009-2025	Deputy Chairman, Chairman, Secretary of the election commission of Polling station in Karaganda and Ekibastuz
Awards and prizes:	
2014	Letter of thanks from the regional Maslikhat of Pavlodar region
2017	Diploma of the Ministry of Education and Science of the Republic of Kazakhstan for many years of work in the field of education.
2021	Letter of thanks from Nur Otan Party
2024	Letter of thanks from the Rector of the Institute
2025	Letter of thanks from the Chairman of Ekibastuz Municipal Territorial Election Commission
2025	Letter of thanks from the Rector of the Institute
Service sector activities:	
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Publications and presentations:	
December 2019	V. Andreyachshenko, Y. Isheva, A. Mazhit, D. Imangazinova ECAP-treated aluminium alloy AA2030: microstructure and mechanical properties// Materials and Technology 53 (2019) 6, 805-810
March 2020	B.B. Unaibayev, A.A. Mazhit, B.N. Nurmaganbetova, G.J. Makitova, B.E. Dyussebayeva "Assessment of saline soils at the base of buildings and structures"/Prospects for Development of Modern Science" Materials of the V International Scientific-Practical Conference , Seoul, Korea
March 2020	2020 B.B. Unaibayev, B.N. Nurmaganbetova, G.Zh. Makitova, A.A. Mazhit, K.O. Medetova, B.E. Dyussebayeva "Drilling piles with silicate protective and load-bearing shell in saline pulverized clay soils"/Prospects for Development of Modern Science" Materials of the V International Scientific-Practical Conference , Seoul, Korea
2021	Andreyashchenko V.A., Mazhit A.A. Nurmaganbetova B.N. Improvement of methods of thermal selection of carbonaceous substances from concentrates of the Bakyrchik deposit. Metal Technology №12, 2021
2023	Bogatyreva I.R., Mazhit A.A., Nurmaganbetova B.N. Professional competencies of a metallurgist. Proceedings of the International Scientific and Practical Conference./ Ekibastuz: KuzSTU branch in Prokopyevsk, 2023. pp. 11-14//0,25 P.S.

2023	Nurashev R.A., Mazhit A.A. Scientific supervisor: Nurmaganbetova B.N. Research of technologies for obtaining blanks for railway wheels. Proceedings of the International Scientific and Practical Conference./ Ekibastuz: KuzSTU branch in Prokopyevsk, 2023 p.32-39// 0,5 P.S.
2024	Nurmaganbetov Zh.O., Doctor of Technical Sciences, Professor, Nurmaganbetova B.N., PhD, Development of optimal modes of the process of producing agglomerate from fines and screening of manganese production
2024	Yatsenko D.B., Nurmaganbetova B.N., Mazhit A.A. "Problems and innovations in production" // "Science and business: innovations in production": Proceedings of the International Scientific and Practical Conference dedicated to the 125th anniversary of the scientist, academician K.I.Satpayev. – Kokshetau, 2024. – 344 p. pp.65-69 //0,31 P.S.
2024	Tursunov M.Zh., Medetova K.O., Nurmaganbetova B.N. The ecological situation of a particular region and its impact on the risk level of cases of registered long-term endocrine diseases with the first established diagnosis. Proceedings of the International Scientific and Practical Conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2025. pp.325-331//0,37p.s.
2025	Nurmaganbetova B. N., Subratova E. O., Bliznichenko V. A. "Modern equipment for sample preparation of ferroalloys" Proceedings of the International Scientific and Practical Conference. – Ekibastuz: KuzSTU branch in Prokopyevsk, 2025-2025.
2025	S. Zhaparova, D. Kaumetova, A. Alibekova, T. Ibyrkhanov, B. Nurmaganbetova, A. Mazhit. Geomechanical state assessment and monitoring of rock mass displacement at the Voskhod deposit (Kazakhstan) ISSN 2071-2227, E-ISSN 2223-2362, Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu, 2025, № 3 – p.75-84//0.6 p.s.
New scientific developments:	
2007-2009	Mazhit A.A.'s dissertation work was carried out in accordance with the state research plan included in the program "Development of nanoscience and nanotechnology in the Republic of Kazakhstan for 2007-2009"
2020	Participation in conducting research on the Department of "Integrated waste recycling of metallurgical production"
Additional information:	
2014-2018	Head of the STRC
2014-2018	Secretary of the Admissions Committee
2020-2021	Head of ED
2021 – present	Head of the Department of Metallurgy and NS

