

Personnel guide of the educational program 7M07170 - “Chemical technology of organic substances” (Ma)

1.

Full name	Almetov Negmatshan Schadimetovitsch E-mail:n_almetov@mail.ru ORCID: https://orcid.org/0000-0001-7374-5677 Contact tel.: 8702 378 57 93 Web of Science Researcher ID: IRI-5299-2023, CBF-3439-2022 Scopus author ID: https://www.scopus.com/authid/detail.uri?authorId=57195972474		
Position	Professor Modules taught: M4 Pedagogy and Psychology of Higher School		
Academic career	Candidate of Pedagogical Sciences	Shymkent Pedagogical Institute named after. M. Auezova	1991
	Associate Professor		1991
	Doctor of Pedagogical Sciences	SKSU named after. M. Auezova	1995
	Professor in the scientific field 50300-Education		2010
Employment	Lecturer, Senior Lecturer, Associate Professor in the Department of Pedagogy.	Shymkent Pedagogical Institute them. M. Auezova	1991-1995
	Associate Professor in the Department of Pedagogy	South Kazakhstan Humanitarian University them. M. Auezova	1996-1998
	Associate Professor in the Department of General Pedagogy and Ethnopedagogy	SKSU	
	Professor in the Department of General Pedagogy and Psychology	South Kazakhstan State University named after. M. Auezova South Kazakhstan University named after. M. Auezova	1999-2011
Research and development projects over the last 5 years	-		
Industry collaboration over the past 5 years	School-Lyceum № 107 named after Y. Saremig. Shymkent, Center for Training of Civil Servants at the Academy of Public Administration under the President of the Republic of Kazakhstan (2014-2023), Central Asian Educational Program of the OSCE HCNM (2008-2022).		
Patents and copyright certificates	Methodology of foreign language education. Manual (Авторское свидетельство, 2025 г. February 11, №.54434, Salybekova F.M., Almetov N.Sh., Karbozova G.K.)		
Important publications over the last 5 years	<p>1.Engineering education: problems of modernization in the context of a competence approach// International Journal of Ingeeneering Pedagogik (IJEP) – Vol. 10, №. 6, 2020 (Q2,Scopus, Процентиль – 65-й (Education) (2020)</p> <p>2. Role of the integration of the 4C model in the professional training offoreign language teachers// Frontiers in Education, VOLUME=8, 2023 URL=https://www.frontiersin.org/articles/10.3389/feduc.2023.1125728 DOI=10.3389/feduc.2023.1125728</p> <p>3. Systematic training of future teachers for developing critical thinking of schools pupils in Kazakhstan//Cogent Education, 2023, № 10(2)ArticleID: OAED 2202103 https://doi.org/10.1080/2331186X.2023.2202103 (Q2, Scopus, процентиль: образование - 53-й. (Education) (2023).</p> <p>4. Vliyaniye akademicheskogo esse na razvitiye kriticheskogo myshleniya budushchikh uchiteley inostrannogo yazyka //Pedagogika i psikhologiya: Nauchno-metodicheskij zhurnal, 2022.- № 4.-S.66-74.</p> <p>5. Upgrading pre-service foreign language teachers’ professional competences by means of the 4c’s educational model in XXI century // ВестникКазНУим. Аль-Фараби.-2024.-№3.-С. 24-39.</p> <p>6. Bolaşaq pedagog-psixologtardı dayarlawdağı bilim berw klasteri//Gumilyov Journal of Pedagogy, 2025.-№2.-S.27-46</p>		
Activities in specialized organizations over the past 5 years	Expert and chairman of the subject committee on the examination of textbooks, textbooks and UMK for general education schools under the Ministry of Education and Culture of the Republic of Kazakhstan (2013-2023). Member of the Kazakhstan Independent Accreditation Agency (2024).		

2.

Full name	Artikova Zhadira Kuanyshovna E-mail: articova@mail.ru SCOPUS ID 57212768251, https://orcid.org/0000-0002-6466-6317		
Position	Senior Lecturer Modules taught: M11.2 Modern Tire Manufacturing Processes M17.2 Scientific Basics of Elastomeric Compositions Compounding		
Academic career	Bachelor's degree in 6B072100-Chemical Technology of Organic Substances ZhB-B № 0009076 01.06.2010.	Zhangir Khan West Kazakhstan Agricultural and Technical University	2010
	Master's degree in specialty 7M072100 - Chemical Technology of Organic Substances ZOOK-M № 0056118 10.07.2014.	Zhangir Khan West Kazakhstan Agricultural and Technical University	2014
	Doctoral program in specialty 8D072100 - Chemical Technology of Organic Substances PhD № 00015373024 07/18/2024.	South Kazakhstan University named after M. Auezov	2024
Employment	Instructor	Uralsk Engineering and Technology College	2010-2014
	Senior Lecturer	Kazakhstan University of Innovative Telecommunication Systems, Uralsk	2014-2019
	Senior Lecturer	South Kazakhstan University named after M. Auezov	2019 to present
Research and development projects over the last 5 years	AR14972915 Development of a technology for obtaining thermally and salt-resistant composite polymer stabilizers for drilling fluids for drilling deep wells, under contract № 291-2 dated October 20, 2022 – project leader, postdoctoral researcher. IRN BR21882181 “Development of technology for the production of highly efficient materials based on mineral raw materials and man-made waste” under contract № 422 dated November 15, 2023 – junior research fellow of the project.		
Industry collaboration over the past 5 years	Scientific internship 2023- Internship for managers and specialists at the Tashkent Chemical Technology Institute educational institution.		2024
Patents and copyright certificates	Drilling reagent. Patent for invention of the Republic of Uzbekistan № IAP 06728. 19.06.2019. Kadyrov N.A., Beisenbaev O.K., Artykova Zh.K., Kadyrov N.A., Sheralieva O.A.		2019
	Method for obtaining a composite reagent for drilling fluids. Patent for invention of the Republic of Kazakhstan № 35935 11.11.2022. Artykova Zh.K., Beisenbayev O.K., Nadirov K.S., Isa A.B., Kydyralieva A.Sh., Aldan A.		2022
Important publications over the last 5 years	<ol style="list-style-type: none"> Artykova Zh.K., Beisenbayev O.K., Issa A.K., Kydyraliyeva A.Sh. Modification of polymers to synthesize thermo-salt-resistant stabilizers of drilling fluids. Open Engineering, 15(1), pp. 20240097 (2025). https://doi.org/10.1515/eng-2024-0097. Zh.K. Artykova, O.K. Beisenbayev, A.A. Kadyrov, S.A. Sakibayeva, B.M. Smailov. Synthesis and preparation polyacrylonitrile and vinyl sulfonic acid in the presence of gossypol resin for drilling fluids. Rasayan J. Chem., Vol. 16 № 4. October - December 2023. Rasayan J. Chem., 16(4), 2313-2320(2023). http://doi.org/10.31788/RJC.2023.1618497 A.B. Issa, O.K. Beisenbayev, U.K. Akhmedov, B.M. Smailov. Polymeric compositions to increase oil recovery. Rasayan Journal of Chemistry, Vol. 16 No. 2 April - June 2023. 16(2), pp. 876-883. http://dx.doi.org/10.31788/RJC.2023.1628295 O.K. Beisenbayev, M. Kenesbek, A.K. Issa, R.S. Turemuratov, Zh.K. Artykova. Obtaining and studying the physicochemical properties of depressants based on butyl methacrylate, methyl ester of oleic and fumaric acids in the presence of fatty acids of gossypol resin. Vestnik KazNITU. Almaty № 6 (136) 2019. pp. 830-838. 		
Activities in specialized organizations over the past 5 years	Scholarship recipient under the “500 Scientists” project implemented by the Center for International Programs as part of the Bolashak program in Germany at Constructor University from March 3, 2025, to February 28, 2026.		

3.

Full name	Beisenbayev Oral Korganbekovich E-mail: oral-kb@mail.ru Scopus Author ID: 55603968100 Web of Science Researcher ID: ORCID:		
Position	Professor Modules taught: M10.1 Selected Chapters of Petrochemistry, M16.1 General Chemical Technology of Synthetic Fibers, M9.1 Modern Technologies of Petrochemical Synthesis, M15.1 Chemistry and Technology of Biologically Active Additives		
Academic career	Doctor of Technical Sciences, Professor, Department of Oil Refining and Petrochemistry	M. Auezov South Kazakhstan State University	1994-2018
	Defense of doctoral dissertation (in the field of 02.00.11 – colloid and membrane chemistry)	Academy of Sciences of the Republic of Uzbekistan	1994 г.
Employment	Senior Researcher	Tashkent Polytechnic Institute	14 years old
	Dean of the Faculty of Chemical Technology	M. Auezov South Kazakhstan Technical University	1 year
	Professor of the Department of Oil, Gas, and Polymers, M. Auezov South Kazakhstan State University	M. Auezov South Kazakhstan State University	to date
Research and development projects over the last 5 years	Scientific supervisor of projects: 1. Head of Project № 1146 dated March 2, 2012, within the framework of the state order under budget program 055 “Scientific and/or Scientific and Technical Activities,” subprogram 101 “Grant Financing of Scientific Research,” specification 149 “Other Services and Works” . Priority: Deep processing of raw materials and products; sub-priority: Technologies for obtaining new materials; topic: " Development of technology for obtaining complex fertilizers, soil improvers, soil structure formers based on modified polyampholites with adjustable properties, synthesized using secondary acrylate-containing and hydrocarbon raw materials." 2. Project manager № 397 dated 04.02. 2013 on the topic: “Development of technology for producing complex fertilizers, soil improvers, and soil structure formers based on modified polyampholites with adjustable properties, synthesized using secondary acrylate-containing and hydrocarbon raw materials.”		
Industry collaboration over the past 5 years	1. Test report on the use of chelated complex polymer-containing microfertilizers based on phosphorus sludge and brown coal residues from the Lengersky deposit on production crops and an experimental plot at the Kazakh Research Institute of Rice Growing named after I. Zhakhayev LLP.		
Patents and copyright certificates	1. Utility patent № 2981 Method for producing a depressant additive Bulletin No. 27 dated July 23, 2018 2. Utility patent №. 2982 Method for obtaining a depressant additive Bull. № 27 dated July 23, 2018 3. Utility patent №. 2983 Method for obtaining a depressant additive Bull. № 27 dated July 23, 2018 4. Patent for invention No. 359352021/0394.1 Method for obtaining a composite reagent for the treatment of wastewater		
Important publications over the last 5 years	1.Smailov B.M., Tleuov A.S., Zakirov B.S. Technology of obtaining polymer-microfertilizers based on coal waste from the Lenger deposit. Chemical Journal of Kazakhstan, Almaty-2020. P.48-53. 2.Smailov B. M., Tleuov A. S., Kadirbaeva A.A., Zakirov B. S., Mirzoyev B. Production of chelate polymer-containing microfertilizers based on humic acid and ammophos. Rasayan Journal of Chemistry. Vol. 13. No. 3. pp. 11372-13781 July-September, 2020 (Scopus) 3. Artykova Zh., Beisenbayev O., Kadyrov A. Study of rheological properties of bentonite clays stabilized with copolymers of butylmethacrylate and acrylonitrile in the presence of gossypol resin. Bulletin of the Kazakhstan-British Technical University Almaty № 3 (54) 2020 pp. 22-26. 4. Smailov V. M., Tleuov A. S., Zharkinbekov M. A., Tuleshova K. T., Issabayev N. N., Esirkepova M.M. Kinetic research and mathematical planning on the obtaining of potassium humate from brown coal of the lengerdeposit. Rasayan journal of chemistry, RJC-6391/2021, Vol.13, No.3, 2021, Jaipur (Rajasthan) India. (Scopus, SJR-1.8, percentile - 56).		
Activities in specialized organizations over the past 5 years	Head of the Laboratory of Petrochemistry, Organic Synthesis, and Catalysis	Scientific Institute of Chemical Technology and Petrochemistry, M. Auezov South Kazakhstan State University	2012

4.

Full name	Daurenbek Nazarbek Mukhadasuly E-mail: nazarbek.daurenbek@aeuzov.edu.kz SCOPUS ID 59166199700, https://orcid.org/0000-0002-4238-3359		
Position	Associate Professor Modules taught: M8 Pedagogical Practice, M 14. Research Practice, M 16.2 Rational Ways of Processing Heavy Oils and Oil Residues, M 17.1 Development and Application of Additives to Modify the Fuel and Oil Property, M 21 Research Work of a Master Student, Including Passing an Internship and Completing a Master's Thesis, M 22. Execution and Defense of Master's Thesis		
Academic career	Chemical Engineer 25.04-Chemical Technology of Fuels and Carbon Materials	Kazakh Chemical Technology Institute	1989
	Candidate of Technical Sciences 02.00.13-Petrochemistry	Ministry of Education and Science of the Republic of Kazakhstan	2002
	Associate Professor of Chemical Technology	Ministry of Education and Science of the Republic of Kazakhstan	2007
Employment	Lecturer, senior lecturer, associate professor, head of department	M. Auezov South Kazakhstan State University	1990-present time
	associate professor	L. Gumilev Eurasian National University	2014-2018
	Head of the Department of Inorganic and Petrochemical Production Technology	M. Auezov South Kazakhstan State University	2025-present time
Research and development projects over the last 5 years	Contractor under Agreement No. 72-PCF-23-24 dated April 24, 2023 BR18574207 "Development of technology for the disposal of solid household and organic waste through comprehensive processing to address regional environmental issues" (2023-2024).		
Industry collaboration over the past 5 years	Internship at Bukhara Engineering and Technology Institute (Bukhara, Republic of Uzbekistan) March 13, 2023–March 17, 2023.		
Patents and copyright certificates	Method for producing high-octane gasoline. Patent No. 6359 for a utility model		2021
	Method for producing modified bitumen. Patent No. 9718 for a utility model		2024
Important publications over the last 5 years	Modified bitumen materials from Kazakhstan Oil field// Advances in Polymer Technology May 2024; 2024(6):1-10 https://doi.org/10.1155/2024/8078021 Influence of group chemical composition of highly viscous oil residues on quality of petroleum road bitumens // Oil and Gas No. 2 (140). Almaty, 2024. pp. 238–246. 3. Use carbon black as a modifier for petroleum bitumen//Oil and Gas No. 4 (142). Almaty, 2024. pp. 163–174. Vozmozhnosti ispol'zovaniya smesi kazakhstanskikh neftey v kachestve syr'ya dlya proizvodstva aviakerosinov//Neft' i gaz.-№2 (146). Almaty, 2025.-S.226-236. 3. Rezul'taty issledovaniy sostava nefteshlamov TOO «PetroKazakhstan Oyl Produkts» dlya vybora		
Activities in specialized organizations over the past 5 years	Member of the Republican Educational and Methodological Association in the field of Chemical Engineering and Processes Member of the Scientific and Technical Council of KazMunayGas National Company JSC in the field of Oil Refining and Petrochemicals Member of Technical Committee for Standardization No. 88 "Oil, Oil Products, and Lubricants" of the Association of Legal Entities "Kazakhstan Association of Oil and Gas and Energy Complex Organizations "KAZENERGY"		

5.

Full name	Duanayeva Sandugash Yerubayevna email: Sandugash0606@mail.ru SCOPUS ID 		
Position	Doctor PhD Unterrichtete Module: M3. Psychology of management		
Academic career	Practicing psychologist, lecturer in psychological and pedagogical disciplines	South Kazakhstan State University named after M. Auezov	1997-2001
	Pedagogy	Master's degree, South Kazakhstan State University named after M. Auezov	2002-2005
Employment	Lecturer, Department of General Psychology	South Kazakhstan University named after M. Auezov	2002-2003
	Senior Lecturer, Department of General Pedagogy and Psychology		2009-present
Research and development projects over the last 5 years			
Industry collaboration over the past 5 years	«Optimistisch den Stress meistern» Almaty, 04-05.11.2023, Al-Farabi Kazakh National University, Сертификатб/н, 80 часов		
Patents and copyright certificates			
Important publications over the last 5 years	<p>1. Cross-cultural Study of Resilience, Stress, and Coping Behavior as Prerequisites for the success of international students Open Psychology Journal 2023; 16: 1-13.</p> <p>2. Role of stress and resilience in the psychological health of students studying abroad Open Psychology Journal 2024; 17: 1-13.</p> <p>3. Psychological research on stress in Kazakhstan- past, present and future Learning Disabilities and Mental Health. Vol. 9, Berlin: Peter Lang Verlag. p 107-118.</p> <p>3. Child-parent relationships as a factor in the emergence of food addiction in adolescents Journal of Behavioral Addictions. Vol.11, Supplement 1, June-2022, Impact factor: 6.756, DOI: https://doi.org/10.1556/2006.2022.00700</p> <p>4. Psychological analysis of the factors of successful student's learning abroad International Journal of Psychology. Vol.58, Supplement 1, December 2023. ISSN 0020-7594</p> <p>5. Studying attitudes toward gender role models in the family in the structure of gender self-awareness among Kazakhstani women. ENU Bulletin. Series: Pedagogy. Psychology. Sociology. - 2023.- №4 (145).-Pp. 273-281.</p> <p>6. The relationship between emotional burnout syndrome and proactive coping behavior in the context of studying professional stress and deformations. KazNPU Bulletin. Psychology series. – 2024. - № 1 (78). - P. 83-95.</p>		
Activities in specialized organizations over the past 5 years			

Full name	Zhiembekova Ainur Abdrakhmanovna E-mail: ainur7105@mail.ru Тел: 87019121818 SCOPUS ID https://orcid.org/0000-0003-4516-2436		
Position	Associate Professor Unterrichtete Module: M1. History and Philosophy of Science		
Academic career	Cultural and educational work GEW	Al-Farabi Shymkent Pedagogical Institute of Culture	1993
	Educational psychologist	MKTU, Shymkent	2004
	Specialty 24.00.01 – History and Theory of Culture Candidate of Philosophy	Ministry of Education and Science of the Republic of Kazakhstan	2007
Employment	Lecturer, Department of Cultural and Leisure Activities	South Kazakhstan University named after M. Auezov	1994-1999
	Senior Lecturer, Department of Cultural Studies and Social Pedagogy	South Kazakhstan University named after M. Auezov	2000-2007
	Associate Professor, Department of Cultural Studies, Social Work, and Museum Studies, Faculty of Pedagogy and Culture	South Kazakhstan University named after M. Auezov	2008-2010.
	Head of the Department of Cultural Studies, Social Work, and Museum Studies, Faculty of Pedagogy and Culture	South Kazakhstan University named after M. Auezov	2010-2016
	Associate Professor, Department of Philosophy	South Kazakhstan University named after M. Auezov	2017 to present time
Research and development projects over the last 5 years	Conducting research on the topic “21-05-08 Philosophical foundations of the scientific paradigm of sustainable development in modern society”		
Industry collaboration over the past 5 years	Internship at the State Institute of Arts and Culture of Uzbekistan (Tashkent, Republic of Uzbekistan) January 15, 2024-February 17, 2024.		
Patents and copyright certificates	1. Name of the object: "Decorative and applied arts of the Kazakhs", educational tool Copyright certificate 2023.9 02 № 324632023.9 02 2. Name of the object: "Semiotics" - educational tool, Copyright certificate № 32465. 2023.9 021. Copyright object: literary work 3. Name of the object: "Symbolism" Date of creation of the object: 03.09.2024 CERTIFICATE № 51144, November "6" 2024		
Important publications over the last 5 years	1.«Epistemological problem of intention and truth: to the discourse of the theory of H.-G. Gadamer and E. Hirsch» 55, 2559–2566 Received: 25.08.2023. Revised: 11.12.2023. Accepted: 26.02.2024. February 2024, Scientific Herald of Uzhhorod University Series Physics DOI:10.54919/physics/55.2024.255te9 2.«Holiday as a Phenomenon of Kazakhs: Sociocultural and Historical Aspects» 2025 Volume:5, №:5, pp.1012–1021 ISSN:2634-3576(Print) ISSN2634-3584(Online) posthumanism.co.uk DOI: https://doi.org/10.63332/joph.v5i5.1418 3 “The Impact of Globalization and Modern Information Technologies on Cultural Dialogue” by Atti Makala AL-FARABI AL-EUMETTIQ HUMANITIES RESEARCH SCIENTIFIC JOURNAL, Almaty №. 4 (84) 2023, pp. 42-60, https://doi.org/10.48010/2023.4/1999-5911.01ON 4. «SYMBOLIC MEANING OF THE SACRED CONCEPT OF "KOK BORI" IN TURKIC MYTHOLOGY». ASTANA 2. Proceedings of the Academic Symposium on International Law and Social Sciences. Istanbul, Turkey, November 11-12, 2023, pp. 56-65		
Activities in specialized organizations over the past 5 years	Al-Farabi Kazakh National University. From 2014 to the present, member of the “CULTURAL STUDIES” subsection of section 031 “Social Sciences” of the Republican Educational and Methodological Association.		

Full name	Zhorabekova Ainur Nazimbekovna E-mail: ainur.zhorabekova@aeuzov.edu.kz Scopus Author ID:57218583969, Web of Science Researcher ID: AAX-7110-2021 ORCID: https://orcid.org/0000-0003-2697-8077		
Position	PhD, Associate Professor Unterrichtete Module: M2 Foreign Language (Professional)		
Academic career	Doktor der Philosophie (PhD) Pädagogik und Psychologie Master Pädagogik und Psychologie	Internationale kasachisch-türkische Universität namens H.A. Yasawi, Turkestan Südkasachische Staatliche Universität namens M. Aueзов, Shymkent	2015 2006
Employment	Lecturer, Senior Lecturer, Associate Professor, Head of the Department of Foreign Languages for Technical Specialties	South Kazakhstan University named after M. Aueзов	2000-2022 2022-present
Research and development projects over the last 5 years	2022-2024 -Contractor –AP19175630 Development of a system for forming meta-subject skills in primary school students in the context of STEM education (Fund for Young Scientists under the project “Zhas Galym”); 2023-2024 - Contractor – AP15473538 Gamification in English lessons in the primary school educational process: motivation to learn a foreign language through digital games (GF of young scientists under the project “Zhas Galym”); 2023-2025 - Implementer - AP19679648 Organization of volunteer activities to ensure a safe educational environment in the context of a healthy lifestyle for the youth of New Kazakhstan (GF MNVO RK).		
Industry collaboration over the past 5 years	Research internship: 2021 - Antalya Bilim University & Land of Legends Rixos as part of the ABU TELP project 2023 - Bringing Latest Research and Practical Ideas to EFL Classroom, YKU named after M. Aueзов, Shymkent		
Patents and copyright certificates	-		
Important publications over the last 5 years	1. Almetov N., Zhorabekova A.*,Sagdullayev I., AbilhairovaZh.,TulenovaKh.Engineering Education: Problems of Modernization in the Context of a Competence Approach. International Journal of Engineering Pedagogy. – Vol.10, Issue 6, Germany: Kassel University Press GmbH, 2021.-P. 7-20.CiteScore - 2.0 (2020). Social Sciences: Education – 65. https://doi.org/10.3991/IJEP.V10I6.14043 2.Shakiyeva A., Zhorabekova A.*,AbilhairovaZh., Yessimgaliyeva T., MakulbekA.Methodical system for formation of professional competences of a future foreign language teacher in conditions of distance learning. Frontiers in Education. - Vol. 8. – Switzerland: Frontiers Media S.A. – 2023. – P.1186908. Cite Score- 2.9 (2023). Social Sciences: Education – 62, . https://doi.org/10.3389/educ.2023.1186908 3.Yesnazar.A., Zhorabekova A.,KalzhanovaA., Bayymbetova Zh., AlmukhanbetSh.Methodological system for formation of meta-subject skills of primary school students in the context of STEM educationFrontiers in Education. - Vol. 9 – Switzerland: Frontiers Media S.A. – 2024. – P.1340361 Cite Score- 2.9 (2023). Social Sciences: Education – 62. https://doi.org/10.3389/educ.2024.1340361 4.Duisenova M.,ZhorabekovaA.Effects of Rewards on Motivation and Student Achievement in Digital Game-based Learning in Teaching English as a Foreign Language for Primary School Students in Kazakhstan. Arab World English Journal. – Vol. 15(3). – Malaysia, 2024. – P. 125-141 (Web of Sciences: JCI LANGUAGE & LINGUISTICS - Q2) https://dx.doi.org/10.24093/awej/vol15no3.8		
Activities in specialized organizations over the past 5 years			

8.

Full name	Karabaev, Zhalal Abdrakhmetovich E-mail: zhalal.karabaev@aezov.edu.kz SCOPUS ID 55235102500, https://orcid.org/0009-0008-5013-437X		
Position	Senior Lecturer Modules taught: M5.1 Resource-Saving Technologies, M5.2 Development Prospects of Motor Fuel Production from Hydrocarbon Raw Materials, M18.1 Special Oil Refining and Petrochemical Products, M18.2 Industrial Ecology of Hydrocarbon Systems.		
Academic career	Chemical Engineer 390640- Chemical Technology of Fuels and Hydrocarbon Materials	M. Auezov South Kazakhstan State University. Shymkent	2002
	PhD 6D072100-Chemical Technology of Organic Substances	Ministry of Education and Science of the Republic of Kazakhstan	2014
Employment	Senior Lecturer, Department	M. Auezov South Kazakhstan State University	2003-present
	Head of Laboratory	PetroKazakhstanOilProdu cts LLP	2016- present
Research and development projects over the last 5 years			
Industry collaboration over the past 5 years	Research internship: 2011 - Gubkin Russian State University of Oil and Gas. Department of Oil Refining Technology. (Russian Federation, Moscow)		
Patents and copyright certificates	Innovative patent for invention №. 2010/0484.1 Method for obtaining distillate fractions		2010
Important publications over the last 5 years	1.Katalitikalıq kreking qondırǵısınan ónimniń shıǵwın PYTHON baǵdarlamalıq ortasın qoldanw arqılı anıqtaw. – QazTBW Xabarshısı, ĞTAMR 20.23.25. https://doi.org/10758805/kazutb.v.4.25-626 2.Forecasting and optivization of catalytic cracking unit operation under conditions of fuzzy information – Scientific Journal of Astana IT University ISSN (P): 2707-9031 ISSN (E): 2707-904X VOLUME 19, SEPTEMBER 2024. 3.Razrabotka matematicheskoy modeli reaktorno-regeneratornogo bloka ustanovki kataliticheskogo krekinga. KazKKA Khabarshysy №1 (130), 2024. The Bulletin of KazATC DOI 10.52167/1609-1817.		
Activities in specialized organizations over the past 5 years	Professor at the Academy of Natural Sciences. №. 8897 from March 1, 2016 to present		

Full name	Kydyraliyeva Aigul Shazhalievna E-mail: Aigul.ukgu@mail.ru SCOPUS ID 57203843645, https://orcid.org/0000-0002-2693-8123		
Position	Associate Professor Modules taught: M11.1 Scientific Basics of Creating Polymer Composite Materials, M8 Pedagogical Practice, M14. Research Practice, M16.2 Rational Ways of Processing Heavy Oils and Oil Residues		
Academic career	Bachelor's degree in Chemistry, specialty 0107-Chemistry ZhB-II №. 0136963, June 19, 1997.	Al-Farabi Kazakh National University	1997
	Master's degree in specialty 510750 - Chemistry MTB №. 0006528 June 30, 2003.	Al-Farabi Kazakh National University	2003
	Doctoral program in specialty 8D072100 - Chemical Technology of Organic Substances PhD №. 00015373224 07/18/2024.	M. Auezov South Kazakhstan University	2024
Employment	Head of the Young Chemist Club	Republican Educational and Methodological Center for Continuing Education	1997-2006
	Lecturer, senior lecturer, associate professor	M. Auezov South Kazakhstan University	2006-present
Research and development projects over the last 5 years	IRN BR21882181 “Development of technology for the production of highly efficient materials based on mineral raw materials and man-made waste” under contract №. 422 dated November 15, 2023 – junior research fellow of the project.		
Industry collaboration over the past 5 years	Internship at the Tashkent Chemical Technology Institute (Tashkent, Republic of Uzbekistan) August 1, 2024–August 30, 2024.		
Patents and copyright certificates	Method for producing polymer compositions using polyethylene terephthalate waste. Patent № 8044 for a utility model		2023
	Method for producing modified polyacrylamide. Patent №. 8988		2024
Important publications over the last 5 years	<p>1. Artykova Zh.K., Beisenbayev O.K., Issa A.K., Kydyraliyeva A. Sh. Modification of polymers to synthesize thermo-salt-resistant stabilizers of drilling fluids. Open Engineering, 15(1), pp. 20240097 (2025). https://doi.org/10.1515/eng-2024-0097.</p> <p>2. Kydyraliyeva A., Beisenbaev O., Nadirov K., Sakibaeva S., Otarbayev N., Sakibayev B. and etc. Unique polymer-based composite coating with high anti-corrosion characteristics and functional fillers. Polymer Engineering and Science 2024;1-13August. DOI: 10.1002/pen.26941 https://4spepublications.onlinelibrary.wiley.com/journal/15482634</p> <p>3. Kydyraliyeva A., Beisenbayev O.K., Ortaev A.E., Smailov B.M., Nadyrov K.S., Issa A.B. and etc. Technology for the production of composite polymer materials based in recycled polypropylene and polyethhylene terephthalate with the addition of modified sodium montmorillonite. Rasayan J. Chem. Vol. 16. № 1. P. 319-324 January – March, 2023. ISSN: 0974-1496 e-ISSN: 0976-0083 , CODEN: RJCABP. http://doi.org/10.31788/RJC.2023.1618094</p>		
Activities in specialized organizations over the past 5 years			

Full name	Mamytov Kenjetay Zhumadillayevich E-mail: kenzhetay.mamytov@inbox.ru		
Position	Senior Lecturer, PhD Modules taught: M 6.1 Nanostructured Polymer Materials; M 11.1 Scientific Basics of Creating Polymer Composite Materials		
Academic career	Chemical Engineer	M. Auezov South Kazakhstan State University	1999-2004
	Master's Degree	M. Auezov South Kazakhstan State University	2004-2005
	Doctorate PhD 6D072100 – Chemical Technology of Organic Substances	M. Auezov South Kazakhstan State University	2009-2012
Employment	Lecturer, Senior Lecturer	M. Auezov South Kazakhstan State University, Department: Oil, Gas and Polymer Technology	2004-2013
	PhD student	M. Auezov South Kazakhstan University, Center for Postgraduate Training	2009-2012
	Chief Manager of the Technology Department, Lead Engineer of the Technical Project Support Department, Head of RR Production Shift, Head of Installation	Kazakhstan Petrochemical Industries Inc. LLP, Atyrau Region, Industrial Petrochemical Technopark SEZ	2013-2022
	Chief Technologist	Almex Polymer LLP	2022-2024
	Chief Technologist for New Projects	Shymkent Chemical Company LLP	2024 to present
Research and development projects over the last 5 years			
Industry collaboration over the past 5 years	Industrial internship at PJSC SIBUR, Tyumen Oblast, Tobolsk, Tobolsk Polymer LLC, from September 10, 2021 to December 6, 2021. As a unit manager		
Patents and copyright certificates	Dobavka k benzinu, toplivnaâ kompoziciâ. Nomer patenta: 27485. Soavtory: Bejsenbaev Oral Kurganbekoviç, Tasanbaeva Nuržamal Egemkulovna, Mahašov Erkin Žumagalieviç, Sakibaeva Saule Abdrazakovna		
Important publications over the last 5 years			
Activities in specialized organizations over the past 5 years	Член координационного совета по вопросам экологии и низкоуглеродного развития. С 2020 года.		

Full name	Syrmanova Kulash Kerimbayevna E-mail: syrmanova.kulash@mail.ru ORCID: http://orchid.org/0000-0002-1468-6440 Scopus ID: 56389533000 https://www.scopus.com/authid/detail.uri? authorId=56389533000 Web of Science Contact tel.: 87017292571
Position	Professor Modules taught: M6. Nanostructured Polymer Materials M11.1 Scientific Basics of Creating Polymer Composite Materials
Academic career	Chemical engineer Candidate of Chemical Sciences Kazakh Institute of Chemical Technology 1975 Naval Chemistry 1984 Doctor of Technical Sciences IHN AN KazSSR Chemical resistance of materials and corrosion protection I.M. Gubkin Russian State University, Moscow 1997 Professor of Chemical Technology 1999
Employment	Senior Lecturer, Associate Professor, Dean for International Students and International Cooperation, Head of the Department of Chemistry and Theory and Methods of Teaching Chemistry, Professor of the Department of Inorganic and Petrochemical Production Technology Kazakh Institute of Chemical Technology 1976-present M. Auezov South Kazakhstan University M. Auezov South Kazakhstan University
Research and development projects over the last 5 years	Head of grant project AR19679034 on the topic “Development of technology for obtaining bituminous materials for the road industry with the utilization of polymer waste in the technological process” (I am the contractor for the republican project, contract №. 224/23-25 dated 03.08.2023)
Industry collaboration over the past 5 years	SNPP (PetroKazakhstan Oil Products LLP) KazakhBitumen, KazDorNII, ECO-Shina LLP
Patents and copyright certificates	1. Syrmanova K.K., Abzalova D.A., Kaldybekova Zh.B., Baizhanova Sh.B., Agabekova A.B. Modified polymer-bitumen binder. Utility model patent No. 8777 dated March 1, 2024. Astana, 2024. 2. Syrmanova K.K., Tuleuov R.M., et al. Polymer-bitumen composition for asphalt concrete regeneration. Patent for utility model No. 8899 dated March 1, 2024. 3. Syrmanova K.K., Abzalova D.A., Tuleuov R.M., Kaldybekova Zh.B., Baizhanova Sh.B. Modified bitumen emulsion. Utility model patent No. 9382 dated July 19, 2024.
Important publications over the last 5 years	1. Syrmanova K.K., Kaldybekova Zh.B., Agabekova A.A., Baizhanova Sh.B., Tuleuov R., Khaldun Al Azzam, El-Sayed Negim, and Bounoua N. Modification of Petroleum Bitumen with Secondary Polyethylene in the Presence of Vermiculite. <i>Indones. J. Chem.</i> 2024, 24 (2), P.530 – 542, DOI:10.22146/ijc.90881. (Q 3). 2. Syrmanova K.K., Kaldybekova Zh.B., Agabekova A.A., Baizhanova Sh.B. Influence of the Chemical Composition of Kulantau Vermiculite on the Structure of Modified Bitumen Compositions. <i>Journal Composites Science</i> . 2024, vol. 8, 118 p. https://doi.org/10.3390/jcs8040118 (Q2). 3. Syrmanova K.K., Kaldybekova Zh.B., Agabekova A.B., Botashev E.T., Tuleuov R.M. The influence of polymer and functional additives on the properties of polymer-bitumen binder, <i>Journal News of the National Academy of Sciences of the Republic of Kazakhstan Series Chemistry and Technology</i> , vol. 1. no. 458 (2024), pp.164–177, 4. Syrmanova K.K., Tuleuov R.M., Kaldybekova Zh.B., Baizhanova Sh.B., Kolesnikova O.G., “Development of a Modified Bitumen Emulsion to Enhance the Operational Properties of Asphalt Concrete,” <i>Construction Materials and Products</i> , ISSN2618-7183, 2025, vol. 8, no. 3 (Q2).
Activities in specialized organizations over the past 5 years	Al-Farabi Kazakh National University MOOC “Modern Technologies for Processing Plant Raw Materials.” Expert.

Full name	Turebekova Gaukhar Zakhievna E-mail: g.ture@mail.ru https://orcid.org/0000-0003-6466-1449		
Position	Professor Modules taught: M11.2 Современные процессы шинного производства, M17.2 Научные основы рецептуростроения эластомерных композиций		
Academic career	Chemical engineer specializing in “Plastics and Elastomer Processing Technology,” FV № 657560	Kazakh Institute of Chemical Technology	1994
	Postgraduate studies in specialty 25.00.36 – “Geoecology” Candidate of Technical Sciences in specialty 25.00.36 – “Geoecology”, FK No. 0000892 Associate Professor of Chemical Technology, DC № 0001767	M. Auezov South Kazakhstan University	2001
Employment	Lecturer	Polytechnic College (Shymkent)	1994-1998
	graduate student	M. Auezov South Kazakhstan State University	1998-2001
	Lecturer, senior lecturer, associate professor, professor	M. Auezov South Kazakhstan University	2001-present time
Research and development projects over the last 5 years	IRN AP15473389 “Development of innovative technology for processing man-made waste from lead production with the recovery of non-ferrous metals and improvement of living standards,” scientific consultant		
Industry collaboration over the past 5 years	1. UNESCO Research Internship - Fiji (72 academic hours), Paris, France, 2019.		2019
Patents and copyright certificates	International patent Method for recovering lead and zinc oxides from slag waste of lead production// The author's work №EC-01-003041 “Method for recovering lead and zinc oxides from slag waste of lead production” EUROPEAN DEPOSITORY, Germany, Berlin November 24, 2020 Author's certificate №90734 Rubber compound Author's certificate №90754 Rubber compound Author's certificate №89573 Tread rubber compound		2020
Important publications over the last 5 years	<p>1. Turebekova G.Z., Bagova Z.I. Disposal Of Lead Production Wastes By Extraction Of Lead And Zinc Oxides// News Of The National Academy Of Sciences Of The Republic Of Kazakhstan Series Of Geology And Technical Sciences, ISSN 2224-5278 Volume 2, Number 446 (2021), 37 – 44 https://doi.org/10.32014/2021.2518-170X.32</p> <p>2. Turebekova G.Z., Bagova Z.I. Analysis And Impact Of Lead-Containing Waste From Lead Production On Human Life And The Environment// Reports Of The National Academy Of Sciences Of The Republic Of Kazakhstan ISSN 2224-5227 Volume 2, Number 336 (2021), 99 – 104 https://doi.org/10.32014/2021.2518-1483.36</p> <p>3. Turebekova G.Z., Bagova Z.I. Prospects For The Rational Use Of Secondary Resources In The Form Of Technogenic Slag Wastes// Reports Of The National Academy Of Sciences Of The Republic Of Kazakhstan ISSN 2224-5227 Volume 4, 338 (2021), 110–115 https://doi.org/10.32014/2021.2518-1483.66</p> <p>4. Turebekova G.Z., Bagova Z.I. Development of safe technology by extraction of toxic metals in utilization of lead-containing slag wastes// “Environmental Science and Pollution Research», Springer (Germany), входящий в базу данных Scopus и Web of Science с квартилем Q2</p> <p>5. Turebekova G.Z., Bagova Z.I. Lead-containing slags: recycling methods and environmental impact// Reviews in Inorganic Chemistry, апрель 2023; C.3-8</p> <p>6. Turebekova G.Z., Kalmakov K. Research of catalytic cracking of heavy residue of petroleum products // RASAYAN J.Chem Vol. 17 No. 3 861-867 July - September 2024 ISSN: 0974-1496 http://www.rasayanjournal.com</p>		
Activities in specialized organizations over the past 5 years	Bolashak scholarship recipient, University of Lorraine, France, 2014. A member of Republican educational-methodical council of Ministry of Science and Higher Education and of the Republic of Kazakhstan since.		

Full name	Khaldarov Nartay Khanibekovich E-mail: haldarov.nartai@mail.ru Scopus ID: 57194225498, https://orcid.org/0000-0002-4525-7841		
Position	Professor Modules taught: M12.1 Organic Gas chemistry, Research Work of a Master Student, Including Passing an Internship and Completing a Master's Thesis (RWMS), M8 Pedagogical Practice		
Academic career	Chemical Engineer 25.04-Chemical Technology of Fuels and Carbon Materials	Kazakh Institute of Chemical Technology	1986
	Candidate of Chemical Sciences 02.00.13-Petrochemistry 02.00.03 - Organic Chemistry	Gubkin Russian State University of Oil and Gas	1992
	Associate Professor of Chemical Technology	Ministry of Education and Science of the Republic of Kazakhstan	2008
Employment	Lecturer, senior lecturer, associate professor, professor	South Kazakhstan State University named after M. Auezov	1992-- present time
Research and development projects over the last 5 years	NIR 21-05-03 Development of new optimal catalytic systems for selective hydrogenation of saturated and unsaturated oxo compounds.		
Industry collaboration over the past 5 years	Ufa State Petroleum Technical University, Kazan National Research Technological University		
Patents and copyright certificates	Catalyst for the hydrogenolysis of monosaccharides. Utility model patent № 2019/0406.2 dated November 5, 2019, registered with KazPatent.		2019
	Method for producing n-butyl alcohol. Patent for utility model №6406, bulletin № 36 dated 10.09.2021.		2021
Important publications over the last 5 years	<ol style="list-style-type: none"> Liquid-phase hydrogenation of butyl aldehyde promoted on skeletal nickel catalysts / Catalysis Communications, ISSN: 1566-7367, Vol. 161, December 2021, 106362. Hydrogenation of unsaturated bonds contained in the molecule. Research Journal of Chemical and Environmental. (ISSN 2321-1040, Coden: RJCEA2 [CAS, USA], India) Volume 8 [1] Feb. 2021. A comprehensive review on butyl alcohols synthesis through different methods. Reports of the National Academy of Sciences of the Republic of Kazakhstan. Volume 3. Number 347 (2023-10-02), 106–118. doi.org/10.32014/2023.2518-1483.229 		

Full name	Ospanova Aiman Ospanovna E-mail: oaaim@mail.ru Scopus ID: 55672414200.		
Position	<i>Professor</i> Modules taught: M19.1 Modeling of chemical and technological processes of oil refining in MatLab and ChemCad		
Academic career	2103-Automation and comprehensive mechanization of chemical and technological processes № 424180. Qualification – automation engineer-technologist	Kazakh Chemical Technology Institute	1970
	Postgraduate studies in specialty 051307 – “Automatic Control of Technological Processes” TN № 029773	Moscow Institute of Chemical Engineering	1979
	Academic title Associate Professor of Automation by decision of the Higher Attestation Commission of the USSR dated January 11, 1984, DC № 068820	Moscow	1984
	Doctoral studies in the specialty 05.17.08-PAHT, 27.09.2002	Kazakh Chemical Technology Institute	2002
	Academic title Professor in the field of Computer Science, Computing Technology, and Management By decision of the Higher Attestation Commission of the Ministry of Education and Science of the Republic of Kazakhstan dated May 27, 2004.		2004
Employment	Lecturer Senior Lecturer	Departments of Automation at KazChTI	1976-1981
	Head of Department	Automation KazChTI “Automated Systems and Computing Technology” Software and hardware for systems and networks	1981-1984 1997 2005
	Associate Professor	Department of Automation, Kazakh Technical University	1984 - 1997
	Professor	Department of “Software Systems and Networks” (formerly Automated Systems and Computing Technology)	since 2004
Research and development projects over the last 5 years	Scientific supervisor of a grant-funded research project on the topic: “Development of an information system for managing industrial polymerization processes.” 2013-2015.		
Industry collaboration over the past 5 years			
Patents and copyright certificates			
Important publications over the last 5 years	Textbooks on automatic control theory in Kazakh and Russian (11 credits, 2002) Methodological guide to thesis design for students majoring in 3704 (1st edition 1998, 2nd edition 2005) Monograph Basqaru teorasy. – Almaty, 2007. – 150 p. Lecture notes “Intelligence in sensor technologies” for master's students 6M070400 (5M06130) Computer Science and Engineering. (2019) Textbook on the subject “Mathematical Modeling in Scientific Research” for master's students majoring in 7M06130- “Computing Technology and Software.” (2024)		
Activities in specialized organizations over the past 5 years	She was a member of the dissertation council for the defense of candidate and doctoral dissertations in the specialty “Processes and Apparatus of Chemical Production,” and a member of the scientific seminar at M. Auezov South Kazakhstan State University.		

