

Reference

On the applicant for the academic title of **Professor**
in the specialty 20400 Chemical Engineering

1	Surname, first name, patronymic (if any)	Azat Seitkhan
2	Academic degree, date of award	Doctor of Philosophy (PhD) in the specialty 6D074000 – «Nanomaterials and Nanotechnology» 22.02.2016, №167
3	Academic title, date of award	Associate Professor (Docent) in the specialty «Chemistry» 23.12.2019, № 823
4	Honorary title, date of award	No
5	Position (date and number of the order on appointment to the position)	Head of the Engineering Profile Laboratory by Order № 268LS dated 25.02.2021
6	Experience in scientific, scientific and pedagogical activity	Total of 15 years, including 3 years in the position of head of an engineering laboratory.
7	Number of scientific articles after receiving the academic title of Associate Professor	Total: 72, In publications recommended by the authorized body: 29, In scientific journals indexed in Clarivate Analytics databases (Web of Science Core Collection, Clarivate Analytics), Scopus, or JSTOR: 43, Monographs and textbooks: 9, Has 6 innovative patents of the Republic of Kazakhstan
8	The number of monographs, textbooks, and individually written teaching aids (educational and methodological manuals) published over the last 5 years	During the period 2020-2024: 1.Monograph: Porous Carbon Nanostructured Sorbents for Biomedical Application (chapter), Carbon Nanomaterials in Biomedicine and the Environment. Copyright © 2020 Jenny Stanford Publishing Pte. Ltd. ISBN 978-981-4800-27-3 2.Monograph: Biocomposite Materials Based on Carbonized Rice Husk in Biomedicine and Environmental Applications (chapter), Carbon Nanomaterials in Biomedicine and the Environment. Copyright © 2020 Jenny Stanford Publishing Pte. Ltd. ISBN 978-981-4800-27-3 3.Monograph (co-author): Synthesis and Application of Carbon Materials for the Removal of Toxic Gases. – Almaty: Darin, 2022. 223 pages. ISBN 978-601-80921-9-0. 4.Monograph: The Use of Fusicoccin as an Anticancer Compound (chapter), Carbon Nanomaterials in Biomedicine and the Environment. Copyright © 2020 Jenny Stanford Publishing Pte. Ltd. ISBN 978-981-4800-27-3 5.Monograph: White Paper on Nanotechnology 2022 (Chapter: Synthesis of SiO ₂ Nanoparticles from Rice Husk Ash and Its Applications). ISBN 978-601-04-0429-8 6.Monograph: SILICON DIOXIDE: Synthesis from Rice Husk Ash, Key Characteristics and Applications. – Almaty: "Kazakh University", 2022. 188 pages.
9	Persons who defended their dissertation under his	Askaruly Kydyr received the academic degree of Doctor of Philosophy (PhD) on the topic "Synthesis and Study of Lithium-Doped Materials with a High Porosity Structure for

	supervision and have an academic degree	Use as Anodes in Lithium-Ion Batteries." Almaty, KazNU, April 29, 2024.
10	Laureates and prize winners of national, international and foreign competitions, exhibitions, festivals, awards and olympiads prepared under his supervision.	no
11	Under his guidance, champions or medalists of the World Universiades, Asian Championships, Asian Games, European, World, and Olympic Games have been prepared	no
12	Additional Information	<p>1. Member of the editorial board of the "Bulletin of Satbayev University," ISSN 2709-4766 (Online), ISSN 2709-4758 (Print). 2020-2021.</p> <p>2. Member of the National Scientific Council (NSC) for scientific research in the field of natural sciences. Appointed by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan No. 224, dated May 13, 2024.</p> <p>3. Member of the NSC on Rational Use of Water Resources, Fauna, and Flora, Ecology. Appointed by the order of the Minister of Science and Higher Education of the Republic of Kazakhstan No. 258, dated June 5, 2023. (2023-2024).</p> <p>4. Member of the editorial board of "Nanotechnology and Nanomaterials Research," ISSN-885X. https://www.scholarsliterature.com/journals/nanotechnology-and-nanomaterials-research/editorial-board.</p> <p>5. Member of the Dissertation Council in the specialties 6D070900 – "Metallurgy," 6D071000 – "Materials Science and Technology of New Materials," and 6D074000 – "Nanomaterials and Nanotechnology" (Order No. 65-Θ dated March 4, 2022).</p> <p>6. Member of the Selection Committee for the "TECH STARTUP" competition of innovative ideas and projects, KazNTRU named after K.I. Satbayev, 2022.</p> <p>7. Scientific expert for monitoring and reviewing grant-funded projects, JSC "National Center for State Scientific and Technical Expertise," 2022.</p> <p>8. Reviewer for Catalysis Journal (MDPI, Scopus), Silicon (Springer), Engineered Science (Scopus), Sensors Journal (MDPI, Scopus), Journal of Engineering Research (Scopus), Eurasian Chemico-Technological Journal, Bulletin of the Kazakhstan-British Technical University, Polymers for Advanced Technologies, Sustainability (MDPI, Scopus), Chemical Engineering Science, Bulletin of the Karaganda</p>

	<p>University Chemistry Series, Bulletin of the Al-Farabi University Chemistry Series.</p> <p>9. Chairperson of the State Attestation Commission for the educational program 6B11201 "Safety of Life and Environmental Protection," Al-Farabi KazNU, 2023-2024.</p> <p>10. Member of the editorial board of the Eurasian Chemico-Technological Journal (Scopus-indexed journal, Kazakhstan), 2023-2024.</p> <p>Projects:</p> <p>1. Principal Investigator of the grant-funded research project (IRNAP09058425): "Development of innovative technology for obtaining a premix from plant raw materials to improve the protein value of local feed for cattle," 2021-2023.</p> <p>2. ASSYLTA Science Scholarship, 2023.</p>
--	--

**Board member - Vice-Rector for
Science and Corporate Development**



Yerzhan Kuldeyev