# Reference
of the applicant for the academic title of **« Associate Professor»**
in the specialty «21100 Computer Sciences and Informatics »

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| 1 | First name, surname (if any) | **Alimbayeva Zhadyra** |
| 2 | Academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or academic degree of Doctor of Philosophy (PhD), Doctor of profile or degree of Doctor of Philosophy (PhD), Doctor of profile, date of award | Doctor of Philosophy (PhD) in 6D071600 – «Instrumentation Engineering». Awarded by the decision of the Dissertation Council No. 6 dated December 21, 2022, Order No. 1930-d dated December 28, 2022. |
| 3 | Academic title, date of award | - |
| 4 | Honorary title, date of award | - |
| 5 | Position (date and number of the appointment order) | Leading Researcher at the U.A. Joldasbekov Institute of Mechanics and Machine Science. Appointment order №0609/98-жк dated 01.08.2024. |
| 6 | Experience of scientific, scientific and pedagogical activity | The total length of scientific and scientific-pedagogical service is 9 years 5 months, including 7 years 9 months of scientific service. |
| 7 | Number of scientific articles after defending a dissertation /obtaining the academic title of associate professor (associate professor) | More than 46 scientific works have been published, including:<br>– 14 articles in international peer-reviewed scientific journals indexed in the Scopus and Web of Science databases, of which 14 articles were published in international peer-reviewed scientific journals included in the Q1 and Q2 quartiles according to the Journal Citation Reports (JCR) of Clarivate Analytics, or having a CiteScore percentile of at least 50 (fifty) in the Scopus database; among them, the applicant authored 9 articles as first/corresponding author;<br>– 6 articles in scientific journals recommended by the Committee for Quality Assurance in Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan;<br>– 7 publications in other scientific journals, collected volumes, and proceedings of international scientific conferences;<br>– more than 19 patents and authors' certificates, including Eurasian patents. |
| 8 | The number of monographs, textbooks, and single-handedly written educational (teaching and methodological) manuals published over the past 5 years | 4 monographs have been published (in print and electronic formats) over the past 5 years:<br>1. Alimbayeva Zh.N. Intelligent ECG Diagnostics of Dysglycemia. Monograph. Almaty: Lantar Books LLP, 2026. – 191 p.<br>2. Alimbayeva Zh.N., Ozhikenova A.K., Alimbayev Ch.A., Ozhikenov K.A., Beisembekova R.N. Multi-Agent Systems in Medicine. Monograph. Almaty: Lantar Books LLP, 2026. – 256 p. ISBN 978-601-361-895-1.<br>3. Ozhikenova A.K., Alimbayeva Zh.N., Ozhikenov K.A. Noise-Resistant Processing of Cardiac Signals. Monograph. Almaty: Lantar Books LLP, 2026.215 p. ISBN 978-601-361- |

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| | | 896-8.<br>4. Ozhikenov K.A., Alimbayeva Zh.N., Alimbayev Ch.A., Ozhikenova A.K. Non-Invasive Cardiodiagnostic System. Electrocardiography. Almaty: Lantar Trade LLP, 2023. – 257 p. |
| 9 | People who have defended their dissertation under his supervision and have an academic degree (Candidate of Sciences, Doctor of Sciences, Doctor of Philosophy (PhD), Doctor of profile) or an academic degree of Doctor of Philosophy (PhD), Doctor of profile or Doctor of Philosophy (PhD), Doctor of profile | A total of 1 Doctor of Philosophy (PhD) candidates has been successfully supervised and defended under his guidance:<br>1. Bekbay Ainur Toktargalikyzy – Doctor of Philosophy (PhD) (date of defense: April 20, 2026, Protocol No. 07). By Order No. 716-d dated April 29, 2026, of the Non-Commercial Joint Stock Company «Kazakh National Research Technical University named after K.I. Satpayev», the degree of Doctor of Philosophy (PhD) in 6D071600 – «Instrumentation Engineering» was awarded. |
| 10 | Laureates, prize-winners of republican, international, and foreign competitions, exhibitions, festivals, awards, and Olympiads prepared under his leadership | |
| 11 | Champions or prize-winners of the World Universiades, Asian Championships and Asian Games, as well as champions or prize- winners of the European Championships, World Championships, and the Olympic Games trained under his supervision. | - |
| 12 | Additional information | - From 1 October 2024 to the present – Leading Researcher and Responsible Executor of Program BR24992820, "Innovative Medical Technologies and Devices for Improving Surgical Interventions in Prosthetics and Rehabilitation in the Field of Orthopedics and Medical Rehabilitation."<br>- From 20 October 2022 to 31 December 2024 – Principal Investigator of Project IRN AP14969403, "Research on Methods for Predicting Myocardial Infarction Using Machine Learning Algorithms."<br>- Awarded a special commemorative badge dedicated to the 80th anniversary of the Kazakh National Women's Teacher Training University. |

**Chairman of the Academic Council,**
**Director General** **A.Zh. Bibossinov**

**Secretary of the Academic Council** **A.T. Isova**