

Ayzhambayeva Saulekul Zhakessovna

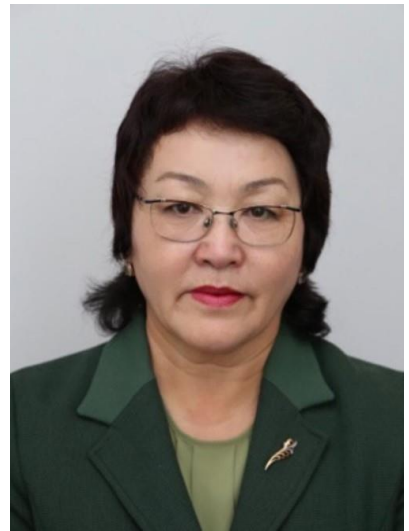
PERSONAL INFORMATION

Republic of Kazakhstan, Karaganda

Karaganda University named after Academician E.A. Buketov

Date of Birth: August 31, 1960

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CURRENT WORK POSITION

Karaganda University named after Academician E.A. Buketov

Faculty of Physics and Technology, Department of Radiophysics and Electronics, Associate Professor.

ACADEMIC DEGREE

Candidate of Pedagogical Sciences - 13.00.08 - Theory and Methodology of Professional Education, 2009.

EDUCATION AND INTERNSHIPS

1980-1985 - Moscow Institute of Machine Tooling, specialty in "Precision Mechanics Instruments," qualification - mechanical engineer.

2018 - Kazakhstan Institute of Metrology, program "Metrological Support of Production."

2022 - National Research Tomsk Polytechnic University, program "Application of Information Technologies for the Development of Measurement Systems."

WORK EXPERIENCE

1985-1988 - Karaganda Polytechnic Institute, Research Laboratory, Department of "Machine Parts and PTU," engineer.

1988-2006 - Zhezkazgan University named after O. Baikonurov, Department of "Technology of Machine Building and Repair of Mining Machines," assistant, senior lecturer.

2006-2014 - Karaganda State University named after Academician E.A. Buketov, Department of "Transport and Professional Training," senior lecturer, associate professor.

2014-2023 - Karaganda State Technical University, Department of "Instrumentation," associate professor.

2015-2019 - Karaganda State Technical University, Department of "Measurement Techniques and Instrumentation," head of department.

2019-2023 - Karaganda Technical University named after A. Saginov, Department of "Information Technology and Security," associate professor.

2023-2024 - Karaganda University named after Academician E.A. Buketov, Department of "Transport and Logistics Systems," associate professor.

From September 02, 2024 - Karaganda University named after Academician E.A. Buketov, Department of "Radiophysics and Electronics," associate professor.

QUALIFICATION IMPROVEMENT

Certificate KZ OC No. 000829 dated June 26, 2020, on completing the course "New Platforms and Formats of Distance Learning Technologies. Creation of Virtual Laboratory Works" from the Engineering Pedagogy Center, KarGTU, Karaganda.

Certificate dated April 22, 2022, on completing a qualification course in "Hardware and Software Means of Cryptographic Information Protection" from "Amicom" LLP, Karaganda.

Certificate No. 001939 dated November 21, 2021, on completing the course "Improvement of Pedagogical Skills" from the Engineering Pedagogy Center, KarGTU, Karaganda.

Qualification certificate 70 AV No. 000829 dated June 24, 2022, in the program "Application of Information Technologies for the Development of Measurement Systems," NI TPU, Tomsk.

Qualification certificate 70 AV No. 051655 dated November 22, 2023, in the program "VR Technologies and Creation of Interactive Content," NI TPU, Tomsk.

PERSONAL QUALITIES

Languages

Kazakh, Russian, English (with a dictionary).

Computer Skills

Advanced user: Microsoft Office (Word, Excel, PowerPoint).

MAIN PUBLICATIONS

Mehtiev A.Zh., Aymagambetova R.Zh., Kropochev P.A., Ayzhambayeva S.Zh., Kalinin A.A., Sarsekeev E.Zh. "Use of Computer Simulation to Establish Parameters of Steel Structure Strengthening Elements," *Metalurgija*, Vol. 61, No. 1, 2022, pp. 253-256.

Mehtiev A.Zh., Kropochev P.A., Ayzhambayeva S.Zh., Klyueva E.G., Alkina A.D. "Strengthening Elements to Increase Fatigue Strength of Mine Hoisting Machine Steel Structures," *Metalurgija*, Vol. 61, No. 1, 2022, pp. 269-272.

Buzauova T.M., Abdugalieva G., Ayzhambayeva S.Zh., Shamshagarin T., Sivachenko L. "Research of the Unacceptable Defects Causes in the Manufacture of Reinforcing Rope," *Journal of Applied Engineering Science*, Vol. 21, No. 1, 2023, pp. 1-5.

Aymagambetova R.Zh., Iskakov M.B., Ayzhambayeva S.Zh., Yurchenko V.V., Belik M.N. "Methods and Means of Measurement," Textbook. Karaganda: KarTU Publishing House, 2021. 285 p. ISBN 978-601-320-473-4.

Ayzhambayeva S.Zh., Aymagambetova R.Zh. "Processing and Presentation of Measurement Results," Textbook. Karaganda: KarTU Publishing House, 2021. 73 p.

Ayzhambayeva S.Zh. "Metrological Support for Chlorine Analyzers and Control of Oil Product Pipeline Quality," Monograph. Karaganda: Pegaso LLP Publishing House, 2021. 130 p. ISBN 978-601-355-027-5.

Ayzhambayeva S.Zh. "Assessment of Weld Seam Joints in Pipelines Using Ultrasonic Testing Method," Monograph. Karaganda: Abylkass Saginov Karaganda Technical University, 2023. 86 p. ISBN 978-601-320-473-4.

Ayzhambayeva S.Zh. "Research on the Restoration of the Eccentric Sleeve of a Cone Crusher by Arc Welding Technology," "University Proceedings," Karaganda: Abylkass Saginov

Karaganda Technical University, 2023, No. 3 (92), pp. 53-59.

Over the past 5 years, 50 scientific and technical works have been published, including 6 Scopus articles, 7 RSCI articles, 6 KKSON articles, 15 textbooks, 4 monographs, 1 textbook, and 2 electronic textbooks. Scopus Hirsch index - 2.

PROFESSIONAL MEMBERSHIPS

2018 - Expert in test questions for Master's entrance exams in the discipline "Basics of Electronics" (Kazakh, Russian) at the National Testing Center, Ministry of Education and Science of the Republic of Kazakhstan.

2019 - Member of the Appeal Commission for the discipline "Qualimetry" in Master's entrance exams for the specialty "Metrology, Standardization, and Certification" at the National Testing Center, Ministry of Education and Science of the Republic of Kazakhstan.

2023 - Developer of test questions for Master's entrance exams in the discipline "Machine Parts" at the National Testing Center, Ministry of Education and Science of the Republic of Kazakhstan.

March 2024 - Expert in test questions for Master's entrance exams in the discipline "Basics of Interchangeability" (Kazakh) at the National Testing Center, Ministry of Education and Science of the Republic of Kazakhstan.

Since February 25, 2021 - Full member (Academician) of the International Academy of Informatization.

Since 2023 - Member of the Expert Council of the Educational and Methodological Center for the Development of Education of Karaganda Region.