

PERSONAL INFORMATION

Nurlanova Bayan



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| Date of birth: 10/04/1965

PLACE OF WORK, POSITION

Buketov Karaganda University, senior lecturer of algebra, mathematical logic and geometry department named after T.G. Mustafin

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Master of Engineering and Technology

WORK EXPERIENCE

Place and date

- 1987-1995-Lecturer of the Department of Computational Mathematics of the KarSU named after Academician E. A. Buketov
- 1995-1996-Senior lecturer of the Department of Computational Mathematics of the KarSU named after Academician E. A. Buketov
- 1996-1997-Senior lecturer of the Department of Applied Mathematics of the KarSU named after Academician E. A. Buketov
- 1997-2011-Senior lecturer of the Department of Mechanics of the KarSU named after Academician E. A. Buketov
- From 2002 to the present-Member of the Council of the Faculty of Mathematics and Information Technology
- 2002-2003-Deputy Dean for Educational Work of the Faculty of Mathematics of the KarSU named after Academician E. A. Buketov
- 2003-2015-Deputy Dean for Academic Affairs, Faculty of Mathematics and Information Technologies, KarSU named after Academician E. A. Buketov
- 2011-2014-Senior lecturer of the Department of Applied Mathematics and Computer Science of the KarSU named after Academician E. A. Buketov
- From 2014 to the present-Senior lecturer of the Department of Algebra, Mathematical Logic and Geometry named after Professor T. G. Mustafin KarSU named after Academician E. A. Buketov

EDUCATION AND PROFESSIONAL TRAINING

Education

- 1982-1987-Novosibirsk, Novosibirsk State University, Faculty of Mechanics and Mathematics, specialty " Mechanics. Applied Mathematics", qualification - 2014-Mechanic, 0647-Mathematician
- 2013-2015-Moscow, NACHOU HPE Modern Humanitarian Academy, specialty "230100-Computer Science and Computer Engineering", qualification-Master of Engineering and Technology
- 2013-2015-Karaganda State University named after Academician E. A. Buketov, Faculty of Foreign Languages, specialty " 5B011900-Foreign language: two foreign languages (English)", qualification-Bachelor of Education (diploma with honors)

Professional trainings, Scientific trips

- 28.10.2013 г.- 09.11.2013 г. - Certificate №0126121 (09.11.13) about the completion of the advanced training course for pedagogical workers of the Republic of Kazakhstan (JSC «National Center for Advanced Training «Өрпелі»», Almaty);
- 2014 - 2016 гг. - Certificate (25.06.14-26.06.14) for participation in the international conference «Promotion of Democratic Governance of Educational Institutions», held in the framework of the joint program of the Ministry of Education and Science of the Republic of Kazakhstan, the European Union and the Council of Europe «Supporting the policy of education in the field of education of democratic citizenship and education In the field of human rights in Kazakhstan» (Karaganda);
- British Council conference (02.03.16.) «Approaches to Teaching Content through English: Content and Language Integrated Learning (CLIL)» (Karaganda);
- Certificate (14.03.16-24.03.16) on the participation of an online seminar on Thomson Reuters resources for research on advanced search capabilities;
- Certificate (18.04.16-22.04.16) on the participation of the online seminar on Thomson Reuters resources for research on basic search capabilities;
- 21.05.2017 г. - 17.06.2017 г.- Certificate (2017) on participation in the master class «Use of active strategies in teaching a non-native language» (MES RK, NCAT «ӨРПЕЛІ», OSCE, Karaganda);
- Certificate (21.05.17-17.06.17) of completion an English language course in language school «Jipka» (Prague - Czech Republic);
- 29.05.2017 г.-09.06.2017 г. Certificate (28.05.17-10.06.17) of completion the research and educational traineeship at the Faculty of Information Technology of the Czech Technical University in Prague;

SKILLS DEVELOPMENT INFORMATION

- Certificate №50 (04.01.02-28.02.02) on advanced training in mechanics (KarSU, Karaganda);
- Certificate №679 (08.10.05-15.10.05) on upgrading the qualification of innovative technologies in the educational process (KarSU, Karaganda);
- Certificate №221007 (11.06.07-23.06.07) of advanced training in the course «Using mathematical methods in economics» (KarSU, Karaganda);
- Certificate №178010 (26.04.10-17.05.10) on upgrading the qualification of the program «Professionally Oriented English» (KarSU, Karaganda);
- Certificate (01.08.11-07.08.11) that she listened to the course of lectures on the topical problems of science of foreign scientists in the summer school – 2011 on IT technologies «The Current Status, Role and Trend of Information Technology Development», held within the framework of the interstate Cooperation in the education system (L.N. Gumilev ENU, Astana);
- Certificate №357012 (03.04.12-16.04.12) on raising the qualification of the program «Teaching methodology for distance learning technology» (KarSU, Karaganda);
- Diploma (07.11.12-08.11.12) for Participation in the International Seminar and Workshop on Technology Commercialization (Karaganda – Kazakhstan);
- Certificate №0126121 (09.11.13) about the completion of the advanced training course for pedagogical workers of the Republic of Kazakhstan (JSC «National Center for Advanced Training «Өрпелі»», Almaty);
- Certificate (25.06.14-26.06.14) for participation in the international conference «Promotion of Democratic Governance of Educational Institutions», held in the framework of the joint program of the Ministry of Education and Science of the Republic of Kazakhstan, the European Union and the Council of Europe «Supporting the policy of education in the field of education of democratic citizenship and education In the field of human rights in Kazakhstan» (Karaganda);
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- Certificate (18.04.16-22.04.16) on the participation of the online seminar on Thomson Reuters resources for research on basic search capabilities;
- Certificate (2017) on participation in the master class «Use of active strategies in teaching a non-native language» (MES RK, NCAT «ӨРЛЕУ», OSCE, Karaganda);
- Certificate (21.05.17-17.06.17) of completion an English language course in language school «Jipka» (Prague – Czech Republic);
- Certificate (28.05.17-10.06.17) of completion the research and educational traineeship at the Faculty of Information Technology of the Czech Technical University in Prague;
- Certificate №1899 (01.08.2017) on state registration of rights to the object of copyright «Введение в механику сплошной среды» (computer program-electronic textbook);
- Certificate №1900 (01.08.2017) on state registration of rights to the object of copyright «Тұтас орта механикасына кіріспе» (computer program-electronic textbook);
- Certificate (27.10.17) of completion the official Springer Nature training (Karaganda);
- Certificate №4467 (09.07.19) on entering information into the state register of rights to the object «Механика есептері үшін AutoCAD» electronic textbook), protected by copyright;
- Certificate №4468 (09.07.19) on entering information into the state register of rights to the object «AutoCAD для задач механики» electronic textbook), protected by copyright;
- Certificate (01.07.19) of course completion of General English (DNK studio, Karaganda);
- Certificate №406019 (09.09.19-14.09.19) on the course on «Preparation of the University teacher for training with the use of distance learning technologies» (FFE KarSU, Karaganda).
- Certificate №11092 (23.06.20) on entering information into the state register of rights to the object («Конструкция есебін автоматтандыру» electronic textbook), protected by copyright;
- Certificate №11093 (23.06.20) on entering information into the state register of rights to the object («Механика есептерін программалау»electronic textbook), protected by copyright;
- Certificate (30.07.2020) Duolingo English test;
- Textbook «Механика есептерін программалау», 8.69 p.s. (Karaganda: Arko Printing House LLP, 2020 — - 139 p.);
- Textbook «Конструкция есебін автоматтандыру», 8.44 p.s. (Karaganda: Arko Printing House LLP, 2020 — - 135 p.);
- Certificate with honors (14.08.2020) on passing the course on the topic «I learn to teach remotely» (Center of Excellence NIS (Nazarbayev Intellectual Schools));
- Certificate (Series O. №101411490, 08.12.20-22.12.20) on the completion of training at the National Open University «INTUIT» on the course "«Введение в математические модели механики сплошных сред» in the amount of 72 hours (Moscow);
- Certificate (Series O. №101415990, 15.12.20-29.12.20) on the completion of training at the National Open University «INTUIT» on the course «Язык программирования Python» in the amount of 72 hours (Moscow);
- Certificate (Series O. №101419038, 02.01.21-16.01.21) on the completion of training at the National Open University «INTUIT» on the course «MATHCAD 14: Основные сервисы и технологии» in the amount of 72 hours (Moscow);
- Certificate (Series O. №101430720, 20.02.21-06.03.20) on the passage of training at the National Open University «INTUIT» on the course «English» in the amount of 72 hours (Moscow);
- Certificate (Series BG. №4723649, 28.06.2021) – System for assessing the level of Kazakh language proficiency-KAZTEST (National Testing Center);
- Certificate (№372026, 11.22.2021 – 11.27.2021) on completion of the advanced training course «Study of rheonomic materials with small deformations» in the amount of 36 hours (Karaganda);
- Certificate (№000003, 05.10.2021 - 23.12.2021) on the completion of the online course of guest lectures «Soil Mechanics» in the amount of 72 hours (St. Petersburg).

PERSONNEL QUALITIES

Native language **Kazakh**

Наименование языка	UNDERSTANDING		SPEAKING		LETTER
	Hearing	Reading	Oral speech	Written speech	
Kazakh	C1	C1	C1	C1	C1
LANGUAGE CERTIFICATE: No					
English	A2	A2	A2	A2	A2
LANGUAGE CERTIFICATE: DOULINGO, INTUIT					

Digital skills

Advanced user: Microsoft Office (Word, Excel, Power Point), programming languages (Fortran, Pascal, Python), application software package (AutoCAD, MathCAD), knowledge of operating systems: Windows and iOS.

Other skills (hobbies)

Volleyball, checkers, poetry, vocals, travel.

ADDITIONAL INFORMATION

1. Medeubaev N. K., Seitmuratov A. Zh., Nurlanova B. M. Approximate equation of vibration of plates made of isotropic homogeneous material.
2. Nurlanova B. M., Seitmuratov A. Zh., Medeubaev N. K., Shaukenov Zh. T. Katparly plastinkanyñ terbelis tendeuin esepteu adisi // Bulletin of the Karaganda University.
3. Nurlanova B. M. Assessment of consumers satisfaction by quality of information telecommunications educational technologies // Bulletin of Karaganda University.
4. Nurlanova B. M. Evaluation of consumer satisfaction with the quality of information and telecommunications educational technologies // Journal "Bulletin of the Master Student" of the Modern Humanitarian Academy
5. Nurlanova B. M. Formation of professional and pedagogical culture of a student // Electronic periodic scientific journal SCI
6. Substantiation of the model of training in higher education of specialists of innovative formation with the use of information and telecommunications resources // Journal "Young Scientist". — No. 3.
7. Nurlanova B. M., Askarova A. A. On the application of communication technologies for educational purposes // Information and telecommunications systems and technologies: Materials of the All
8. Nurlanova B. M., Shakieva A. T. Some solutions to the problems of improving the effectiveness of the formation of the professional and pedagogical culture of the student Some solutions to the problems of improving the effectiveness of the formation of the professional and pedagogical culture of the student / / Innovative development and demand for science in modern Kazakhstan: Materials of the IX International Scientific Conference (November 20, 2015) / Foundation of the First President of the Republic of Kazakhstan
9. Nurlanova B. M. Creation of a functional model of students ' cognition of information resources in their professional activities // International Electronic Journal: Sustainable Development: Science and Practice.
10. Nurlanova B. M., Ibragimova A. A. Mathematical modeling of the technology of electrometallization of the eccentric body // Improving the quality of education, modern innovations in science and production: Materials of the International Scientific and Practical Conference (May 15
11. Nurlanova B. M., Kasymetova M. T. Studentterdin ozindik zhymystary zhogargy oku ornindagi studentterdin enbekterin gylymy uyymdastyru componenti retinde / / Actual research in the modern world: Collection of scientific works / XXI International Scientific Conference (January 26

12. Seitmuratov A. Zh., Medeubaev N. K., Nurlanova B. M. Equations of vibration of a two-dimensionally layered plate strictly based on the decision of various boundary-value problems // Bulletin of Karaganda University. - Series "Mathematics". – 2017. - №3 (87). – PP.109-116
13. Nurlanova B. M., Shakiev B. Application of the finite element method in the calculations of beam structures // Educational and science borders. – 2018.
14. Zhumagulov K. S., Abildayeva G. B., Yu Shakirov K., B. M. Theoretical And Practical Issues].The use of Smart technologies in the educational process // Actual problems of development of the Russian economy and management: collection of articles of the I all
15. Theoretical and practical issues] B. M. Zhumagulov, S. K., A. Askarova A. assessment of quality of electronic educational resources // Actual problems of development of the Russian economy and management: collection of articles of the I all
16. Nurlanova B. M., Zhumagulova S. K., Askarova A. A. Application of information technologies in education // Modern vectors of education development: actual problems and promising solutions: collection of scientific tr. XI Mezhdunarod. scientific and practical conference "Shamovsky pedagogical readings of the scientific school of Management of educational systems" (January 25, 2019). At 2 h. h. 2.
17. Zhumagulova S. K., Kopbalina S. S., Nurlanova B. M. Some questions of data processing // Information technologies: materials of the 83rd scientific
- 18 Nurlanova B.M., Asetova L.S., Samoiloova I.A. Bending of the rigidly fixed elastic-plastic plate // Bulletin of Karaganda University. - Series "Mathematics". – 2019. - №3 (95). – Pp.79-87.
19. Nurlanova B.M., Asetova L.S., Asetov A.A. Calculation for bending an elastic-plastic plate fixed by a hinge // Laser, plasma research and technology - LaPlaz-2020: collection of scientific tr. VI International. conf. (February 11-14, 2020). Part 1. Moscow: NRU MEPhI, 2020. - pp.119-120. RSCI
20. Nurlanova B. M., Zhumagulova S. K., Askarova A. A., Shakieva A. T. Features of the use of expert systems technology in the independent work of students // Horizons and risks of education development in the conditions of system changes and digitalization: collection of scientific tr. XI Mezhdunarod. scientific and practical conference "Shamov pedagogical readings of the scientific school of Management of educational systems" (January 25, 2020). At 2 h. H. 1.
21. Zhumagulova S. K., Abildaeva G. B., Mukusheva Zh. N., Nurlanova B. M. Some aspects of digitalization of education // Horizons and risks of education development in the conditions of system changes and digitalization: collection of scientific tr. XI Mezhdunarod. scientific and practical conference "Shamov pedagogical readings of the scientific school of Management of educational systems" (January 25, 2020). At 2 h. h. 1.
22. Nurlanova B. M., Asetova L. S. Estai G. Bending of an elastic plate, the sides of which are firmly fixed // Mechanics of the future: collection of results of the Second International Joldasbekov Symposium (March 1-5, 2021). Electronic. - Almaty, 2021. - PP. 175-180. ISBN 978-601-08-0953-6
<https://cloud.mail.ru/public/cFpN/2gm1b8ePk>
23. Akhazhanov S. B., Nurlanova B. M., Nurgozieva A. zh., Akhazhanov T. B. Finite element of the beam taking into account transverse shear deformation // University proceedings. - 2021. - No. 4 – - PP. 197-202.
24. S. Akhazhanov, D. Baltabai, B. Nurlanova. Refined mechanical and mathematical model of an elastic half-plane // Technobius, 2022, 2(1), 0014, DOI: <https://doi.org/10.54355/tbus/2.1.2022.0014>

**Participation in the
implementation of scientific
projects**

**Membership in professional
scientific organizations**

- 2019 - Representative of the Ministry of Education and Science of the Republic of Kazakhstan
- 2017, 2019 - Member of the Appeal Commission of the PPENT

Awards and titles

The owner of "Altyn belgi"

The holder of the jubilee medal "40 years of the University them. academician E. A. Buketov" for the big contribution to the development of the University in connection with the 40th anniversary of the Karaganda state University named after academician E. A. Buketov (2012)

Winner of the title "Honored worker of the Karaganda state University named after academician E. A. Buketov" (2018)

Courses

1. Theoretical mechanics
2. Introduction to the mechanics of the split environment
3. Professionally oriented foreign language
4. AutoCAD for tasks mechanics
5. MathCAD for mechanics
6. Programming in Python
7. Applied mechanics
8. Modeling of the task of modern nature
9. Analytical mechanics and dynamics of solid body
10. Variation methods mechanics
11. Fundamentals of robotics

Professional and scientific interests

- Инновационные Innovative educational technologies in the educational process
- Electronic educational resources
- Construction mechanics
- English in the field of professional activity
- Information technology

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: AAB-5002-2021

ORCID ID: <https://orcid.org/0000-0001-6956-9375>

RSCI ID: