



Bayegizova Aigulim

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of «Radio Engineering, Electronics and
Telecommunications»
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Work experience:

2011-now Acting Associate Professor of
L.N. Gumilyov ENU
2006-2011 Senior lecturer at L.N.
Gumilyov ENU
2005-2006 senior lecturer of the O.A.
Baikonurova ZhezU
2004-2005 Trainee researcher of the
O.A. Baikonurov ZhezU
2001-2004 senior lecturer of the O.A.
Baikonurov ZhezU
1998-2001 postgraduate student of E.A.
Buketov KarSU
1992-1998 senior lecturer of the O.A.
Baikonurov ZhezU
1990-1992 Head of the Computer
Science and Computer Engineering
Department of Zhezkazgan Regional
Department of Public Education
1982-1990 Teacher of the O.A.
Baikonurov ZhezU

Certificates:

Academic degree and title, scientific school

On December 27, 2010, she defended her PhD
thesis for the degree of Candidate of Physical and
mathematical Sciences in the specialty 01.01.02 -
differential equations and mathematical physics on
the topic "Generalized solutions of scattering
problems for wave equations and their properties".

By the decision of the Committee for Control in
the Field of education and Science of the Ministry
of Education and Science of the Republic of
Kazakhstan dated June 30, 2011 (Protocol No. 6),
the academic degree of Candidate of Physical and
Mathematical Sciences was awarded.

1977-1982 S.M. Kirov KazSU, Almaty

- Faculty: mechanics and applied mathematics
- Specialty: Applied mathematics
- Qualification: mathematician
- Diploma IV No. 261125 dated June 30, 1982

Scientific School:

Laboratory of wave dynamics at the institute of
Mathematics of the Academy of sciences of the
Republic of Kazakhstan. Head Doctor of Physical
and Mathematical Sciences, Professor Alekseeva
L.A.

Research interests: Programming, Information
security and information protection, Reliability of
information systems, Cloud technologies

Scientific grants: Participated in the following
projects funded by the Ministry of Education and
Science of the Republic of Kazakhstan:

Fundamental research "Constructive methods of
qualitative research and solution of boundary value
problems for differential equations and problems of
oscillation theory".

Fundamental research "Methods of qualitative
research of periodic and boundary value problems
of quasi-linear systems of differential equations".

Conducted refresher courses under the Cisco
Network Academy program "IT Essentials -
Fundamentals of Information Technology":

from June 19 to June 30, 2017 for teachers of
computer science of secondary schools and colleges
of Akmola region in Shchuchinsk;

From August 20 to August 29, 2017 for teachers
of computer science of secondary schools and
colleges of the Karaganda region, as well as
teachers of the Karaganda State Industrial
University in Temirtau.

Publications (selected)

In total, 10 teaching aids, 1 monograph, 1 Web of
science, 3 Scopus and more than 60 scientific

18.01.2021-15.02.2021 Advanced training "Designing systems on printed circuit boards using CAD "Mentor Graphics"". Federal State Autonomous Educational Institution of Higher Education National Research University "Moscow Institute of Electronic Technology". 72 hours.

2.09.2020-21.10.2020 Preparatory course for the exam on the International English Language Testing System (IELTS). Astana School of Business and Technology. 72 hours.

5.08.2020-25.08.2020 Advanced training "Digital skills of a modern teacher in the conditions of distance learning". Institute of Advanced Training and Additional Education of L.N. Gumilev ENU. 72 hours.

12.04.2020-25.07.2020 GENERAL English course and has reached the level of CEFR "B2". Astana School of Business and Technology. 120 hours.

2.12.2019-8.04.2020 GENERAL English course and has reached the level of CEFR "B1". Astana School of Business and Technology. 120 hours.

1.09.2019-30.11.2019 GENERAL English course and has reached the level of CEFR "A2". Astana School of Business and Technology. 120 hours.

17.06.2019-25.06.2019 Advanced training "Innovative digital technologies". Russian Federation, Omsk, Omsk State University of F.M. Dostoevsky. 72 hours.

17.05.2019-31.05.2019 The course "English". INTUIT National Open University. 72 hours.

17.05.2019-31.05.2019 The course "Computer networks". INTUIT National Open University. 72 hours.

12.02.2018-12.03.2018 The course "IT Essentials". Cisco Network Academy (Cisco Network Academy). Kazakh Academy of Infocommunications. 72 hours.

3.06.2017-6.06.2017 International Summer Scientific School. "Infocommunication systems: technologies and trends in the development of infocommunications" L.N. Gumilev Eurasian National University.

15.04.2017-28.04.2017 The course "In-

papers have been published, including:

Monograph

Alekseeva L.A., Baegizova A.S. "The method of generalized functions in boundary value problems for wave equations" (Monograph) ISBN 978-601-326-374-8/Nur-Sultan: Master Po LLP, 2019. – 194 p.

Web of science

Aigulim Bayegizova, Assiyat Dadayeva/Boundary integral equations of no stationary boundary value problems for the Klein-Gordon equation/The third chapter "*Mathematical theorems - Boundary Value Problems and Approximations*" in the magazine IntechOpen (Web of science) ISBN 978-1-83880-072-7, Published in London, United Kingdom, 9.12.2020, 37-57 pages.

Scopus

1. Aigulim Bayegizova, Gulzinat Ordabayeva, Mohamed Othman, Bibinur Kirgizbayeva, Zhalgasbek Iztaev. "A systematic review of transition from IPV4 to IPV6"//5th International conference on "Digital technologies in education, science and industry - 2020", ACM Digital Library, Scopus и Google Scholar, September 14-16, 2020, Almaty, Kazakhstan, ISBN 978-1-4503-7736-2, -15 pages

2. A.S. Bayegizova, S.N. Nurkasymova, U.S. Nurgaliyeva, A.B. Zhanys/"Solution of experimental tasks in the study of physics"/Advances in Composite Science and Technology (ACST 2019), IOP Conf. Series: Materials Science and Engineering (Scopus) 934 (2020) 012047, IOP Publishing, doi:10.1088/1757-899X/934/1/012047

3. Aigulim Bayegizova, Gulden Murzabekova, Aisulu Ismailova, Ulzada Aitimova, Ayagoz Mukhanova, Zhanar Beldeubayeva, Aliya Ainagulova, Akgul Naizagarayeva. "The effectiveness of the use of algorithms and methods of artificial technologies for sign language recognition for people with disabilities"// Eastern-European Journal of Enterprise Technologies. Scopus (48th percentile/Q3). August 30th, 2022.

Teaching aids

1. Baegizova A.S., Lan N.Yu. Trial textbook for 11th grades of the social and humanitarian direction of 12-year schools in Kazakh 18.5 p.s. and Russian 18.5 p.s. Publishing house "Mektep", Almaty, 2013

2. Baegizova A.S., Lan N.Yu. Methodical manual for a trial textbook for grades 11 of the social and humanitarian direction of 12-year schools in Kazakh 7 p.s. and Russian 8 p.s. Publishing house

roduction to Computer Graphics" of the Republic of Kazakhstan Eurasian National University named after L.N. Gumilev. University of Poitiers, France Lilian Aveneau. 48 hours.

27.02.2017-11.03.2017 The course "Methods of interactive learning using computer technology". Center for Informatization of the education system of the Republic of Kazakhstan. 72 hours.

6.02.2017-18.02.2017 Course "SaaS cloud solutions for automation of IT and business processes". Center for Informatization of the education system of the Republic of Kazakhstan. Astana. 72 hours.

30.01.2017-2.02.2017 SAP Winter School. "Overview of NANA 2.0 SAP Cloud Platform Solutions". "Development of native SAP business applications for iOS". "Rapid development of Android applications for Internet of Things projects". "Project training and innovation management using design thinking methodology". International University of Information Technologies (IITU). Almaty. 40 hours.

Awards:

3.04.2018 Badge "Y. ALTYNSARIN" for significant achievements in the education and upbringing of the younger generation.

2016 year Certificate of Commendation of the Faculty of Information Technologies of the L.N. Gumilyov ENU for conscientious work on the way to improve IT knowledge in the field of university education and active participation in the training of future specialists.

2014 year The Certificate of Commendation of the National Testing Center of the Ministry of Education and Science of the Republic of Kazakhstan for professional skills and high responsibility during the organization and conduct of tests was awarded.

30.06.2012 Letter of thanks for active participation in the organization and holding of the III International Scientific and Practical Conference "Informatization of Society". L.N. Gumilev ENU.

31.12.2011 Certificate of Commendation of the Kazakh Academy of Infocommuni-

"Mektep", Almaty, 2013

3.Baegizova A.S., Lan N.Yu. Didactic materials for a trial textbook for grades 11 of the social and humanitarian direction of 12-year schools in Kazakh 2.5 p.s. and Russian 2.25 p.s. Publishing house "Mektep", Almaty, 2013

4.Baegizova A.S., Vyushkova E.A., Paraskun N.V., Ibraeva A.T. Trial textbook for grades 12 of Social-humanitarian and natural-mathematical directions of 12-year schools in Kazakh language 16.5 p.s. and Russian language 17.5 p.s. Publishing house "Mektep", Almaty, 2014

5. Baegizova A.S., Vyushkova E.A., Paraskun N.V., Ibraeva A.T. Methodological guide to the trial textbook for grades 12 of Social-humanitarian and natural-mathematical directions of 12-year schools in Kazakh 5,9 p.s. and Russian 6,25 p.s. Publishing house "Mektep", Almaty, 2014

6. Baegizova A.S., Kazeshev A., Khasekenova Z.T. "200 Logikalyk esepter". Collection of tasks - Astana: KazATU named after S.Seifullin, 2018, 1.69 p.s.

7. Baegizova A.S., Kazeshev A. "200 Logical problems". Collection of tasks - Astana: KazATU named after S.Seifullin, 2018, 1.69 p.s.

cations for active participation and success in the competition for knowledge and understanding of the annual Address of the President of the Republic of Kazakhstan N.Nazarbayev "Let's build the future together".

2001 year The diploma of the Zhezkazgan city Maslikhat in honor of the celebration of the 40th anniversary of engineering education was awarded.