PERSONAL INFORMATION

📍 Republic of Kazakhstan, Karaganda, st. Universitetskaya, 28, Karaganda Buketov

📞 University🏠

✉ leyla.fazilova@mail.ru

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| Date of birth: 28/08/1968

PLACE OF WORK, POSITION
KarU named after academician E.A. Buketov, Senior Lecturer, Department of Applied Mathematics and Informatics

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

WORK EXPERIENCE ▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬▬ ■

Place and date
- 1991-1999 - laboratory assistant, engineer, junior researcher, researcher at the Institute of Applied Mathematics of the Academy of Sciences of the Republic of Kazakhstan, Karaganda
- 2000-2003 - Lecturer at the Department of Applied Mathematics and Informatics, KarSU named after E.A. Buketov
- 2003 to the present time, senior lecturer of the Department of Applied Mathematics and Informatics of the KarU named after Academician E.A. Buketov

EDUCATION AND PROFESSIONAL TRAINING ▬▬▬▬▬▬▬▬▬▬▬▬ ■

Educationм
1985-1988 - student of the Faculty of Mechanics and Mathematics, Moscow State University named after M.V. Lomonosov
1992-1994 - a graduate of the Karaganda State University named after academician E.A. Buketov, Faculty of Mathematics, specialty - 01.01 "Mathematics", qualification "Mathematician. Teacher"

Professional trainings, Scientific trips
October 2015. Completion of refresher courses at JSC "National Center for Advanced Studies" Orleu " in Almaty

SKILLS DEVELOPMENT INFORMATION ▬▬▬▬▬▬▬▬▬▬▬▬▬▬ ■

– Certificate of Course Completion «CCNA Discovery: Networking for Home and Small Businesses», Cisco Networking Academy, April 10, 2009.
– Certificate of Course Completion «CCNA Discovery: Working at a Small-to-Medium Business or ISP», Cisco Networking Academy, July 29, 2009.
– Certificate of Course Completion «CCNA Discovery: Introducing Routing and Switching in the Enterprise», Cisco Networking Academy, April 15, 2010.
– Certificate of Course Completion « CCNA Discovery: Designing and Supporting Computer Networks», Cisco Networking Academy, July 3, 2010.
– Certificate No. 365012 on the completion of the FPK course at the E.A. Buketov, issued on April 16, 2012.
– Certificate No. 047013 on the completion of the FPK course at the KarSU named after E.A. Buketov, issued on January 19, 2013.
– Certificate of completion of the FPK JSC "National Center for Advanced Studies" Orleu "" (Certificate No. 0127536 dated 17.10.2015.)
– Certificate No. 454017 on the passage of the FPK course under the program "Information

technologies in the modern educational process" at the KarSU named after E.A. Buketov, issued on February 27, 2017.

− Certificate No. 1082018 on the completion of the FPK course according to the program "Intensive English language course (Elementary)" at the KarSU named after E.A. Buketov, issued on June 10, 2018.

− Certificate of advanced training CPD 18 007468 under the program of additional professional education "ICT in the professional activity of a teacher of a Russian school abroad" in the amount of 72 hours (RUDN, Moscow, October 5, 2018).

− Certificate No. 137019 on the passage of the FPK course under the program "Methods of teaching physical and mathematical disciplines in English" at KarSU named after E.A. Buketov, issued on January 14, 2019.

− Certificate No. 386019 (09.09.19-14.09.19), course "Preparing a university teacher for training with the use of distance learning technologies" in the amount of 36 hours (KarSU named after EA Buketov, FDO).

− Certificate in the course of guest lectures "Big Data technologies in education, scientific and applied research" in the amount of 72 hours (25.11.2019 - 20.12.2019).

− Certificate No. 101306522 on training at the National Open University "INTUIT" on the course "Introduction to Mathematical Modeling" in the amount of 72 hours (Moscow, February 25, 2020).

− The certificate of participation in the seminar "Online session: exams and tests" confirms that the holder of the certificate has attended the program on the use of modern methods in the educational process. Issued on April 30, 2020 IPR Media Company, IPR Book, VKR University, Moscow.

− The certificate of participation in the seminar "PROF education platform and other digital solutions of the IPR MEDIA Company for open source software" confirms that the holder of the certificate has listened to the program on the use of modern modern electronic educational resources. Issued on May 14, 2020 IPR Media Company, IPR Book, VKR University, Moscow.

− Certificate of participation in the event "Electronic resource of the digital educational environment SPO" PROFobrazovanie ": new formats and tools of the educational process. Issued on 20.01.2021 LLC PROFOBRAZOVANIE, Saratov.

− Certificate of participation in the event "Intelligent Information Systems in Distance Learning". Issued on February 26, 2020 IPR Media Company, IPR Book, Moscow.

− Certificate No. 0016021 for the course of guest lectures "Cloud computing" in the amount of 72 hours (03/01/2021-04/16/2021).

− Certificate for the course of guest lectures "WRITING AND PUBLISHING ACADEMIC PAPERS IN ENGLISH" in the amount of 72 hours (February 2022). Gareth Dyke, PhD, Hungary.

− Certificate No. 0000048 for the course of guest lectures "Введение в теорию алгоритмов" in the amount of 72 hours (03/28/2022-04/17/202). Doctor of Physical and Mathematical Sciences, Professor of Novosibirsk State University Morozov A.S.

PERSONNEL QUALITIES

Distinctive aspects of character are responsibility, conscientiousness. In work she is sociable, active, tactful, competent, modest. Is respected by colleagues and students

KNOWLEDGE OF LANGUAGES

Native language Kazakh

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	**Reading**	**Oral speech**	**Hearing**	
Russian	C2	C2	C2	C2	C2
	Language certificate: no certificate				
English	A1	A1	A1	A1	A1
	Language certificate: certificate of KarU named after E.A. Buketov				

Digital skills Advanced user: Microsoft Office. Knowledge of operating systems: Windows and IOS. Possession of skills of work in mathematical packages of applied programs

Other skills (hobbies)	Reading, knitting

ADDITIONAL INFORMATION

Main publications

1. Fazylova L.S., Slanbekova A.E. Бір айнымалы функциялар үшін минимумдау әдістерді программалау . // Bulletin of Karaganda University. Series Mathematics. - 2009. - No. 2 (54). - S. 71-76.

2. Ustinova L. V., Fazylova L. S. Educational intranet portal as a factor in improving the organization of the educational process. // Materialy X mezinarodni vedecko-prakticka conference "Vedaavznik - 2013/2014" (27.12.2013-05.01.2014). - Dil 33. Matematika. Fyzika / Chemie a chemicka technologie: Praha. Publishing House "Education and Science" s.r.o. - stran. 11-14.

3. Ustinova LV, Fazylova LS, Kalikova Sh.S. Application of a modification of the Voronoi method for visualizing technological processes in 3ds Max. // Progressive technologies and processes: 4th Intern. youth scientific and technical conf., dedicated. 50th anniversary of the Faculty of Mechanics and Technology of South-Western State University, Kursk, Russia (September 25-26, 2014). / Collection of scientific articles. - T. 2. - Kursk. - 2014 .-- S. 201-205. - http://elibrary.ru/item.asp?id=22550409

4. Ustinova L. V., Fazylova L. S. Automation of the assessment of the complexity of educational texts based on statistical parameters. // Bulletin of Karaganda University. Series Mathematics. - 2014. - No. 1 (73). - S. 96-103.

5. Ustinova LV, Fazylova L.S., Adekenova A.N. Computer visualization of technological processes based on VRML technology. // Modern instrumental systems, information technologies and innovations: XII-th Intern. scientific-practical. conference (March 19-20, 2015). / Collection of scientific papers. - T. 4. - Kursk. - 2015 .-- S. 168-171. - http://elibrary.ru/item.asp?id=23380916

6. Ustinova L. V., Fazylova L. S., Pak D. V. Programming a difference method for solving one problem for an equation of hyperbolic type. Co-authors - Young Scientist. - 2015. - No. 10. - S. 68-71.

7. Ustinova L.V., Fazylova L.S. Creation and application of interactive teaching materials for solving a class of problems of the course "Numerical Methods". // "Informatics: problems, methodology, technologies" (VII School-conference "Informatics in education"): Mat. XVI Int. scientific method. conf. (February 11-12, 2016). - Voronezh - 2016 .-- S. 729-734. http://elibrary.ru/item.asp?id=26628049

8. Fazylova L.S., Durmagambetova A.G. Numerical implementation of some one-dimensional methods for solving optimization problems. Co-author // Key aspects of scientific activity - 2018: Mat. XIV Int. scientific-practical conf. (January 07-15, 2018). - Section: Applied Mathematics. - Czech Republic, 2018 .-- S. 70-73.

9. Fazylova L.S., Kazimova D.A., Zhumagulova S.K., Durmagambetova A.G. Use of the Adobe Premiere Pro CC software in education process. // Bulletin of Karaganda University. Series Pedagogy. - 2018. - No. 3 (91). - S. 42-46.

10. Fazylova L.S., Keldibekova A.B. Application of the MATLAB system at the solution of the problem on a conditional extremum of function of many variables. // Perspective Issues of World Science - 2018: Mat. XIV Int. scientific-practical conf. (December 15-22, 2018). - Vol. 12. - Bulgaria, 2018 .-- S. 10-13.

11. Fazylova L.S., Akynova N.T.(ИНФ-307) Programming iterative methods for solving systems of linear algebraic equations // Новости передовой науки - 2021: Мат. XVII Междунар. науч.-практ. конф. (17-25 мая 2021г.). – Т. 8. – Болгария, 2021. – С. 16-20

12. Ақынова Н.Т.(ИНФ-307), Фазылова Л.С. СЫЗЫҚТЫҚ ЕМЕС ТЕҢДЕУЛЕРДІ ШЕШУ ХОРДАЛАР ЖӘНЕ ЖАНАМАЛАР ӘДІСТЕРІН БАҒДАРЛАМАЛАУ // Цифровизация образования и науки: сб. науч. тр. — Караганда: Изд-во НАО «Караганд. ун-т им. акад. Е.А. Букетова», 2021. – б. 78-84

13. Fazylova L.S., Zhangali B.E. (ИНФ-407) Programming numerical integration methods. / Ключови въпроси в съвременната наука - 2022: Мат. XVII Междунар. науч.-практ. конф. (17-25 апреля 2022г.). – Vol. 5. – София, Болгария, 2022. – С. 16-20

14. Fazylova L.S. Development of the project in the program MS Project / Europejska nauka XXI powieką - 2022: Мат. XVII Междунар. науч.-практ. конф. (07-15 мая 2022г.). – Vol. 3. – Польша, 2022. – С. 37-41

The number of published scientific and educational-methodical works

more than 80, of which:
- in editions recommended by KOKSON MES RK - 8;
- in publications located in the RSCI database - 6;
- textbooks, teaching aids, electronic textbooks (co-authored) - 10

Courses

1. Numerical methods

2. Optimization methods
3. Packages of mathematical modeling
4. Application packages
5. Additional chapters in computational mathematics
6. Theory of difference schemes
7. Theory of optimal control
8. Web technologies
9. Operations Research
10. Computer technologies for processing economic information
11. Mathematical modeling in logistics

Professional and scientific interests
- Applied math,
- Mathematical packages of applied programs,
- Numerical methods for solving equations of mathematical physics

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID:
ORCID ID:
RSCI:
Author ID Scopus: