



Orazova San

Senior lecturer of the Department of Chemistry,
Master of Science.

In 1995, she graduated from the Faculty of Chemistry of East Kazakhstan State University with a degree in Chemistry and Natural Sciences with the qualification Teacher of Chemistry and Natural Sciences;

2011-2013 studied in the master's program in the specialty 6M060600 Chemistry;

Place of work:

- July, 1995 – September, 1996 laboratory assistant at the department of inorganic and analytical chemistry of East Kazakhstan State University;
- September, 1996 – November, 2001 master of industrial training, category I, department of inorganic and analytical chemistry, East Kazakhstan State University;
- November, 2001 – October, 2002 research assistant;
- September, 2002 – September, 2011 teacher of the department of inorganic and analytical chemistry of East Kazakhstan State University named after S. Amanzholov;
- September, 2011 – March, 2013 senior lecturer at the Department of Chemistry, East Kazakhstan State University named after S. Amanzholov;
- March, 2013 – June, 2015 Deputy Dean for educational and methodological work of the Faculty of Ecology and Natural Sciences;
- June, 2015 – October, 2018 senior lecturer, Department of Chemistry, East Kazakhstan State University named after S. Amanzholov;
- - October, 2018 - August, 2021 Head of the Department of Methodological Support of Educational Programs of the East Kazakhstan University named after Sarsen Amanzholov.
- September, 2011 – March, 2013 senior lecturer at the Department of Chemistry, East Kazakhstan State University named after S. Amanzholov;
- March, 2013 – June, 2015 Deputy Dean for educational and methodological work of the Faculty of Ecology and Natural Sciences;
- June, 2015 – October, 2018 senior lecturer, Department of Chemistry, East Kazakhstan State University named after S. Amanzholov;
- - October, 2018 - August, 2021 Head of the Department of Methodological Support of Educational Programs of the East Kazakhstan University named after Sarsen Amanzholov.

Nationality: Kazakh

Level of language proficiency: Kazakh - native, Russian - fluent, German, English, Turkish (A1) - with a dictionary;

Pedagogical and scientific internships:

1999, IPPC course at VKSU, certificate of PC Operator;

2006 “Akparattyk-kommunikatsialik tehnologiyalaryn bilim take protsesinde koldana”, certificate of IPPC TsKT VKGU;

2007 master class “Chemistry of Gylymdarynda innovations of Zhabalau”, certificate of IPK TsKT EKSU;

2003-2007 Postgraduate studies in the specialty 01.04.01. “Instruments and methods of experimental physics” Altai State Technical University named after I.I. Polzunov (Barnaul, Russia) (scientific supervisor – Doctor of Technical Sciences, Professor V.V. Evstigneev, Doctor of Technical Sciences, Professor V. Belov .M.);

2008 training course “Preparation of universities for international accreditation of educational programs”, certificate of the national accreditation center of the Ministry of Education and Science of the Republic of Kazakhstan;

2009 Advanced training course in the specialty, Department of Inorganic Chemistry, Faculty of Chemistry, Al-Farabi Kazakh National University, Almaty;

2015 (09.11-18.11) internship at the Polytechnic University of Valencia, Spain, organized by JSC NCPC “Orleu” and the Republican Institute for Advanced Training of Managers and Scientific and Pedagogical Workers of the Education System of the Republic of Kazakhstan;

2018 advanced training course for teaching staff of higher educational institutions and college teachers for training pedagogical personnel, branch of JSC National Center for Advanced Training "Orleu", Republican Institute for Advanced Training of Managerial and Scientific-Pedagogical Workers of the Education System of the Republic of Kazakhstan, Astana.

2019 “Development and examination of educational programs of higher and postgraduate education for the training of teaching staff by the teaching staff of higher educational institutions”, special training seminar, certificate of the center of the Bologna process and academic mobility, Nur-Sultan;

2019 Training seminar “Bilim take bagdarlamalaryn (curriculum design) and syllabus design (syllabus design) kurastyru”, Nazarbayev University, Nursultan;

2020 Courses on the educational program for advanced training of teaching staff of higher educational institutions, Pedagogical sheberlik ortalygy azirlegen KR orta bilim mazmunyn zhanartu carrying out training of teaching staff, as part of updating the content of secondary education of the Republic of Kazakhstan, developed by the Center of Pedagogical Excellence of Nazarbayev Intellectual Schools JSC, Ust-Kamenogorsk.

2020 “Zhумыs berushilderdi bilim beru bagdarlamalaryn azirleuge tartu: yntymaktastyk strategiyary men modelderi” international seminar, Ministry of Education and Science of the Republic of Kazakhstan and the National Office of the Erasmus+ program;

2021 Advanced training course “Higher education: leadership and top management”, Association of Universities of the Republic of Kazakhstan;

2022 “JOO ishki sapany kamtamasyz etu zhuyesin baptau” advanced training courses for teaching staff of higher educational institutions, Astana IT University;

2022 “Integral GPA in the academic activities of the university: implementation practice” advanced training courses for teaching staff of higher educational institutions, Astana IT University;

Scientific articles, publications: author of over 50 scientific and methodological works, incl.

Monograph:

- 1) Long story short. Monograph. Askemen: S.Amanzholov atyndagy ShKMU baspasy. 2017.- 135 bet.
- 2) Investigation of the scene after the explosion. TNT. Monograph. Oskemen: "Berel" baspasy. 2022. – 110 bet.

Educational and teaching aids:

- 1) Minerals shikizattardy taldau (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2017. – 164 p. (co-author)
- 2) Zhalpy zhane anorganikalyk chemistry workshops (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2017. – 171 p. (co-author)
- 3) Chemistry of the Olympiadalyk esepeterdi shygaru adistemesi (educational and methodological manual). - Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2017. – 187 p. (co-author)
- 5) Chemistry (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2018. – 168 p. (co-author)
- 6) Beyorganikalyk khimiyany negizgi taraulary (textbook in three languages). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2019. – 269 p. (co-author)
- 7) Physico-chemical methods of analysis (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2019. – 137 p. (co-author)
- 8) Application of physical methods in chemical research (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2019. – 198 p. (co-author)
- 9) Chemical technologydan kazaksha-oryssa-agylshynsha terminder sozdigi (textbook in three languages). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2019. – 198 p. (co-author)
- 10) Research and innovation activities and patent science (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2019. – 99 p. (co-author)
- 11) Zhalpy zhane koldanbaly ecology negizderi (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2020. – 160 p. (co-author)
- 12) Zhalpy zhane anorganikalyk chemistry workshops (textbook). Almaty: "Evero", 2020 – 160 p. (co-author)
- 13) Chemistry (educational and methodological manual). Almaty: "Evero", 2020 – 160 p. (co-author)
- 14) Zhalpy zhane fizikalyk khimiyadan esepeter (textbook). – Ust-Kamenogorsk: Publishing house "Berel" of EKSU named after S. Amanzholov, 2021. – 199 p. (co-author).
- 15) Physical chemistry workshops (oku kuraly). – Oskemen: "Berel" baspasy, 2022. – 128 bet. (Birlesken author)
- 16) Chemicals okytu adistemesi. (okku kuraly) . – Askemen. "Berel" baspasy, 2022. – 135 bet. (Birlesken author)
- 17) Organization of the educational process in distance learning conditions and development of educational content. (oku-adistemelik kural). – Askemen. "Berel" baspasy, 2022. – 110 bet (byrlesken avtolykta).

Disciplines taught:

Chemical technology, Zhalpy chemistry courses, Minerals shik_zattardy taldau, Үлгі алу және заттары тулдАUға dayyndau