



Bekturganova Gulmira Kairovna - Candidate of Chemical Sciences, Senior Lecturer of the Department of Standardization, Certification and Metrology of ENU named after L.N.Gumilev

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Education

Kazakh State University named after S.M. Kirov (chemist teacher);

West Kazakhstan University of Engineering and Technology (Oil and Gas Engineer)

Professional experience

2022 – Senior lecturer at L.N. Gumilyov ENU

2020-2021 - Associate Professor of the Department of Oil and Gas Business and Industry Technologies of the West Kazakhstan University of Innovation and Technology

2005-2019 – Head of the Laboratory of Physico-chemical Measurements of the RSE "Kazakhstan Institute of Metrology"

2002-2004 – Associate Professor of the Department of Chemistry of the West Kazakhstan Agrarian and Technical University. Zhangerkhana
1989-2002 – postgraduate student, researcher at the Institute of Chemical Sciences named after A.B. Bekturov

Field of scientific interests:

Applied scientific research in the field of metrology, standard samples, statistical methods of analysis, measurement quality, qualimetric quality assessment, reference measurements, measurement uncertainty, road surface quality, new materials

Advanced training courses:

Validation and verification of methods (2018)

Improving the IT competence of teachers in the conditions of distance learning, Uralsk, 72 hours (2020)

Loss rates during storage of oil and petroleum products, Uralsk, 72 hours (2020)

Developed:

Branch qualification framework "Chemistry" (2014)

Branch qualification framework "Metrology" (2017)

Professional standard "Metrology" (2018)

Monographs, textbooks and educational programs:

1. Dzhumadilov T.K., Bekturov E.A., Bekturganova G.K. Ion-dipole complexes of nonionic polymers. Almaty: Evero, 2002, 180s.

2. Dzhumadilov T.K., Bekturov E.A., Ergozhin E.E., Bekturganova G.K. Introduction to oil rheology. Almaty: Evero, 2002, 175c.

3. Niyazbekova R.K., Mikhalchenko V.N., Bekturganova G.K., Donbaeva V.A., Togyzbayev K.U., Baybosynova L.A. Textbook with the stamp of the Ministry of Education and Science of the Republic of Kazakhstan "Metrology" for universities in the Kazakh language, 2012 295 p.

4. Educational program in the specialty "Metrology". 3rd-5th level of the NRK. NAO "Talap" (Kasipkor). 2019. 170 p.

5. Control and measuring materials for the current and final control and an approximate list of topics of qualification (diploma) works (projects). 3-5 level of the NRK. NAO "Talap" (Kasipkor), 2019. 174 p.

6. Collection of practical and laboratory tasks for professional modules. 3-5 level of the NRK. NAO "Talap" (Kasipkor), 2019. 188 p.

7. Methodological recommendations for conducting professional modules, industrial training and professional practice. 3-5 level of the NRK. NAO "Talap" (Kasipkor), 2019. 119 p.

Scientific articles:

1. Niyazbekova R.K., Shansharova L.S., Bekturganova G.K., Veretelnikov N.V. Properties of cement suspensions modified by ash microspheres. IV intersc. scientific. forum with inter.participation "New materials and promising technologies" – Sat. mat. Vol. III. Moscow November 27-30, 2018C. 246-250

2.Zhanasbayeva B.K., Bekturganova G.K., Donbayeva V.A. Estimation of uncertainty at reference buffer solution certification// Bulletin of Karaganda University. Chemical series. 2019. No. 1. p. 54-59 (included in the Web of Science database).

3.Bekturganova G.K., Ihsanov K.A., Kalesheva G.E., Kusainov A.M. Modern means of monitoring the integrity of oil and gas equipment and pipes// Collection XXXIII International Scientific and Practical Conference "Advances in Science and Technol". Moscow, December 15, 2020. pp.64-65.

4.Bilashev B.A., Bekturganova G.K., Zhanatauov D.A. Analysis of the state of trunk oil pipelines// Bulletin of the Kazakh-British Technical University. 2021. Vol. 18. No. 1. pp. 7-10.

5. Bekturganova G.K., Ihsanov K.A., Kalesheva G.E., Khasanov B.A. Innovative methods of diagnostics of integrity of equipment and pipes in the oil and gas industry// Metrology, Nur-Sultan, 2021. No. 1. pp. 12-15

Awards:

State Scholarship for Talented Young Scientists (1995)

Medal of the Interstate Council for Standardization (2017)

Diploma of the Ministry of Investment and Development (2018)

