



Kirgizbayeva

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Professional experience:

2004 currently, associate Professor of the Department "Standardization, certification and Metrology" of the L. N. Gumilyov ENU.

2002-2004 – associate Professor, head. Department "Technologies and standardization", head of the Department of " Natural science disciplines».

2001-2002 - head of the Department "Information systems and mathematics" in Kokshetau University named after A. Myrzakhetov.

1996-2001 - forensic chemist Of the GSK Department for the Kokshetau region.

1995-1996 - Senior researcher at the research Institute of special materials science

1991-1995 - post-graduate student of the M. Auevov South Kazakhstan State University, lecturer of the Department of polymer processing technology.

1988 - 1991 - quality engineer of the technical control Department at production Association for plastic processing "Kzyl-Tu" in Almaty.

1983-1988 – study at the Moscow Institute of Technology, specialty "Plastic processing technology".

Rewards:

- Certificates of KTRM Ministry of industry and development of the Republic of Kazakhstan (2019), L. N. Gumilov ENU (2016, 2018, 2019).

-Technologies and methods of designing competitive educational programs on the international market (72 hours). Dialog Group (2021);

- IELTS Certificate (KZ004 23.10.20).

- Kazstandart certificate № 615 on passing the industry seminar " Training of personnel and PCs in the field of technical regulation, Metrology and management systems (10.10.2020)

- Kazstandart certificate №. 2870 on passing the industry seminar "Training and advanced training in the field of technical regulation and quality standartision ", Astana (2022).

Academic degree, scientific school:

Candidate of technical Sciences (Ph. D.), specialty 05.17.01. "Technology of inorganic substances". (22.02.2002) Dis. council d 14.23.02 at M. Auevov SKSU

Scientific interest:

Composite materials, water treatment, measurement theory, Metrology, laboratory accreditation, standardization and certification, metrological support of production.

Research projects:

Participation in the development of 5 national standards of ST RK (2014) by order of KTRM MIR RK (Gosstandart RK)

- ST RK ISO 25119-1-2013 Tractors and machines for agriculture and forestry. Details of security-related management systems. Parts 1-4.

- ST RK ISO 28139-2013 Agricultural machinery and machines for forestry. Knapsack sprayers powered by an internal combustion engine. Security requirements.

GOST ISO 17842-1 "Safety of amusement rides and devices for entertainment

Participation in the development of 29 national standards of ST RK and 4 GOST (2018) by order of KTRM MIR RK (Gosstandart RK)

- GOST ISO 17842-1 " Safety of amusement rides and devices. Part 1 Design and production".

- GOST ISO 17842-1 " Safety of amusement rides and devices. Part 2 Operation and use".

- GOST ISO 17929 " Biomechanical effects on passengers of amusement rides»

-GOST IEC 60204-1 "Safety of machines and mechanisms.

Electrical equipment of industrial machines. Part 1. General requirements»

Authors course:

Accreditation of OPS and testing laboratories (M),

Calibration and traceability of measurements (M).

Publications over 150 (favorites):: Индекс Хирша -1.

- Zhantasov K., Aitzhan Ziyat A., Sarypbekova N., Kirgizbayeva K., Iztleuov G., Zhantasov M., Sagitova G.,Aryn A. Ecologically Friendly, Slow-Release Granular Fertilizers with Phosphogypsum. Polish Journal of Environmental Studies, Vol.31, №3, 2022, p.2935-2942., ISSN 12301485. SCOPUS.

-Ramazanova Zh.M., Zamalidinova M.G., Kirgizbayeva K.Zh., Akhmedyanov A.U., Zhakupova A.Y. Protective properties of coatings obtained via microarc oxidation in alkaline electrolyte solutions Inorganic Materials: Applied Research, 2022, No. 13, pp. 1414-1421. ISSN:2075-1133. SCOPUS.

- Jaxymbetova M.A., Kanayev A.T., Akhmedyanov A.U., Kirgizbayeva K.Zh. On the applicability of hardening mechanisms to low-carbon and low-alloy steels. - Комплексное использование минерального сырья. №2 (321), 2022, С.47- 55. ISSN –L 2616-6445, ISSN 2224-5243.ККСОН.

- Канаев А.Т., Ахмедьянов А.У., Киргизбаева К.Ж., Косанова И.М. Определение физико-механических характеристик плазменно-закаленной колесной стали методом наноиндентирования. Научный журнал «Наука и техника Казахстана». №3(131),2020. - С.78-87. ISSN 978-9965-31-746-0.

- Textbook «Өлшеудің жалпы теориясы», Astana, 2009.

- Textbook «Метрология негіздері», Karaganda, 2015.

- Textbook «Метрология», Astana, 2016.

- Tutorial «Метроlogy», Astana,2018.

- Electronic textbook «Метроlogy», Астана, 2019 г.

- Monography «Fillers for composite materials», 2020