

Summary of the teaching staff

Full name: Olga Nikolaevna Krivtsova	
Education:	
Period:	1991-1997. Karaganda Metallurgical Institute, qualification mechanical engineer, specialty – metallurgical machinery and equipment
Work experience:	
<u>Academic:</u>	
Work in this organization	
2019-2020	Associate Professor of the University, Candidate of Technical Sciences of the Department of Power Engineering and Metallurgy
2020 - present	Associate Professor of the University, Candidate of Technical Sciences of the Department of Metallurgy and NS. List of subjects taught: "Forging and stamping production technology", "Rolling production technology", "Technical measurements and quality control of metal products", "Powder metallurgy", "Equipment and design of machine-building workshops", "Materials Science and TCM", "Methodology of material selection, quality of metal products", "Technological properties of materials and methods of their research", "Corrosion resistance of metals"
Previous jobs in educational institutions:	
1997-1999	Postgraduate studies at Karaganda Metallurgical Institute
2000-2019	RSCE KARPTI assistant of the Department "Theory and Technology of metalworking by pressure", lecturer of the Department "GMD", Deputy Dean of the Faculty of Economics and Construction, senior lecturer, Deputy Dean, Acting Head of the Department "GMD", Head of the Department "GMD"
Non-academic:	
1979-1983	Founder of Dzhambulskystroi project, a locksmith of the 4th category, rationer, mechanic
1983-1985	Karaganda metallurgical plant, converter shop distributor of work of the 3rd category
1989	Women's military service in military unit 21718
1989-1992	Temirtau Goststrakh, agent
1993	Sports and recreation center, coach-teacher
1993-1997	Kazenergoremont Center, a production company for repair of energy smelting equipment, machinist of the 2nd category
Professional development:	
November 21 - December 3, 2019	Innovative Eurasian University, completed courses on the topic: "Current problems in metallurgy: High-temperature synthesis of materials; Thermal power engineering of metallurgical processes; Promising technologies in metallurgy". In the amount of 72 hours.
2020-2021	Non-Governmental Quality Assessment Center LLP: Theory and technology of metallurgical processes and production of non-ferrous metals. Theory and technology of pressure treatment of materials and quality control of metal products. Metalworking and methodology of metal products. Low-waste technologies at using material resources from dust and gas cleaning plants. Mathematical and computer modeling in scientific research. Promising methods for production of metals, nanomaterials and powder materials in metallurgy. Materials and their research. Technology of forging, stamping and rolling production. Equipment and design of metallurgical facilities. Electrical steel and their labeling. Engineering graphics and CAD in metallurgy.

July 2023	Non-Governmental Quality Assessment Center LLP topic "Features of organization and methodological support of inclusive education in higher education institutions"
2023-2024	"Center for Training and Retraining of personnel of Heat and Energy Complex" LLP: Corrosion resistance of metals, Technological properties of materials and methods of their research, Methodology of material selection, quality of metal products, Materials science and technology of structural materials, Equipment and design of machine-building workshops, Powder metallurgy, Technology of forging, stamping and rolling production, Technical measurements and control of metal products quality.
Awards and prizes:	
2012	Winner of the title "The best university teacher of the Republic of Kazakhstan in 2012".
2013	European Chamber of Science and Industry (Belgium, Brussels) awarded O.N. Krivtsova Gold Medal and Diploma of European Quality Diplomati Merit for her outstanding professional work in the field of education and science.
2013	A letter of thanks on the occasion of the 50th anniversary of KGIU
2016	Letter of thanks for good preparation of 11 th grade students at the XVI regional scientific and practical conference on "Scientific and technological progress - a key link in economic growth"
2016	Diploma of the Minister of Education for achievements on the path of spiritual and social development of Independent Kazakhstan and for his great contribution to the field of education. Astana
2018	Gratitude of the Minister of Education for many years of work and contribution and achievements in development of education and upbringing of the younger generation.
Additional information:	
Developer of the State Educational Standard of the Republic of Kazakhstan and Educational curriculum of technical and vocational education in the specialties	
Developer of the State Educational Standard of the Republic of Kazakhstan. Postgraduate education. Doctoral studies.	
Developer of Standard training programs	
Since 2014, an expert at Technology Commercialization Center LLP	
Since 2016, an expert at NATR	
Publications and presentations:	
2014	Improving the technology of roll operation at rolling mills of JSC ArcelorMittalTemirtau, Scientific, Technical and Production Journal Metallurg, № 10, pp.60-65
2014	Reliability study of equipment for continuous broadband mill 1700. Moscow: Scientific, technical, production and educational journal "Production of rolled products", № 9, pp. 33-39
2015	Modeling metal properties during rolling on sheet mills. The monograph. Temirtau: KGIU, 273 p.
2015	Determination of rational shape of pre-finishing calibers when rolling reinforcing steel of a transitional profile. Moscow: Scientific, technical, production and educational journal "Production of rolled products", № 1, pp. 18-21
2016	Control systems in mechanical engineering. Training manual. Temirtau. KGIU, 98c.
2016	Calibration of rolling rolls. Training manual. Almaty, Evero, 104c.

2016	Mathematical modeling of slab heating processes. Moscow: Scientific, Technical and Industrial journal Metallurg, № 2, pp.21-24
2015	Improving the Methods of Roll Use on Rolling Mills at the ArselorMitallTemirtau. Metallurgist. V. 58. I.9-10. Pp.896-903
2017	Assessment of the stability quality of rebar products through statistical control methods. Bulletin of KarSTU, Karaganda, № 2, pp.105-108
2018	Corrosion of rebar products in the post-rolling period: causes and methods of its protection. KarSTU, University Proceedings, No. 3(72), pp.93-96
2018	Production of long products and pipes. Academic and methodological manual. Almaty. Techno-Erudite, 168 p.
2018	Improved rolling efficiency using technologically optimized environments. Training manual. Almaty. Technical expertise. 104 pages.
2019	Basics of interchangeability. The training manual. Almaty. 128 pages.