

ASSEM ABISHEVA

PERSONAL INFORMATION

Republic of Kazakhstan, Karaganda city

KARAGANDA BUKETOV UNIVERITY

Date of birth: June 08, 1990



PLACE OF WORK, POSITION

Karaganda Buketov Univerity, Physics and Technical Faculty,
Department of Radiophysics and Electronics,
Senior Lecturer in the field of Physical Sciences

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Master of Science

EDUCATION, INTERNSHIPS AND RESEARCH TRIPS

2008-2012- Karaganda State University named after Academician E.A.Buketov, Faculty of Physics, specialty – "Heat and Power engineering", qualification – Bachelor in Engineering and Technology.

2013-2015 - Karaganda State University named after Academician E.A.Buketov, Faculty of Physics and Technology, specialty - 6M060400 - "Physics", qualification – Master of Natural Sciences.

2019-2023 - Karaganda University named after Academician E.A.Buketov, Faculty of Physics and Technology, specialty – 8D05302 -"Physics"

January 2015. – research internship at the European Association of Students and Entrepreneurs (Prague, Czech Republic).

March 2022. – research internship at Lomonosov Moscow State University (Moscow, Russia)

WORK EXPERIENCE

2012-2013 - College of Karaganda State University named after Academician E.A. Buketov, teacher of special disciplines.

2015-2024 - Karaganda Higher Polytechnic College, teacher of special disciplines.

2024 – Karaganda State University named after Academician E.A. Buketov, Faculty of Physics and Technology, Senior Lecturer at the Department of Radiophysics and Electronics

SKILLS DEVELOPMENT INFORMATION

- copyright certificate for the electronic textbook "Organization and planning of natural science, technical and technological research"

- certificate of completion of the lecture course "Renewable energy sources and systems. Applied photovoltaics: fundamentals, materials and technologies" (10/17/2019, Karaganda, Karaganda State University).

- certificate of completion of the lecture course "Energy systems and networks" (11/10/2020, Magdeburg, Germany).

- certificate of completion of the lecture course "Physics of nanosystems" (12/27/2019, Karaganda, Karaganda State University)
- certificate of advanced training - "Synchrotron and neutron radiation in condensed matter physics and materials science" NRNU "MEPhI", 2022.
- certificate of advanced training – “Physics of Nanosystems”, Lomonosov Moscow State University. 2022.

PERSONAL QUALITIES

Language

Kazakh, Russian, English (IELTS -5)

Digital skills

Advanced user of MS OFFICE (WORD, EXCEL, POWERPOINT), ORIGINPRO, GWYDDION, EISSA1, IMAGE J, MATHCAD, AUTOCAD, ABBYY FINEREADER11.

Other skills (hobbies and pastime)

reading, traveling, listening to music, internet

ADDITIONAL INFORMATION

H-index by Scopus – 1

ID Researcher: KEJ-1359-2024

ID Scopus: 57226322383

ID ORCID: 0009-0001-6400-3011

Main publications:

1. Abisheva A.K., Zeinidenov A.K., Aimukhanov A.K., Ilyassov B.R., Afanasyev D.A., Kulbachinskii, V.A. The influence of annealing environment of ZnO thin film on its optical, structural and photovoltaics performance // Physica E: Low-dimensional Systems and Nanostructures 159 (2024) 115932
2. Abisheva A.K., Zeinidenov A.K., Aimukhanov A.K., Ilyassov B.R., Alekseev A.M. The Evolution of Morphology and Structure in Spin-Coated Zinc Acetate Thin Films and Their Impact on ZnO Film Morphology // Thin Solid Films, 2024
3. Abisheva A.K., Zeinidenov A.K., Aimukhanov A.K., Ilyassov B.R., Abilmazhinov S.E. Influence of structural features of ZnO films on optical and photoelectric characteristics of inverted polymer solar elements // Eurasian Physical Technical Journal, 2021, Vol.18, No.2 (36) C. 52-59
4. Abisheva A.K., Zeinidenov A.K., Aimukhanov A.K., Ilyassov B.R. Optimization of the Photoactive Layer Thickness in Transparent Thin-film ZnO/P3HT:PCBM Solar Cells // Eurasian Journal of Physics and Functional Materials (2024) 1-6