

AZERBAIJAN STATE AGRICULTURAL UNIVERSITY

Name: Vusala

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Faculty: Engineering

Department: Physics and mathematics



EDUCATION, SCIENTIFIC DEGREE AND SCIENTIFIC TITLE

In 1990, she graduated from the Faculty of Physics and Mathematics of GSPI;

Since 2013, she has been working as a senior teacher on Department of Physics and Mathematics.

LABOR ACTIVITY

Since 2011, she worked as an assistant on Department of Physics and Mathematics of ASAU;

From 2013 to the present, she has been working as a senior lecturer on Department of Physics and Mathematics of ASAU;

She is conducting lectures on physics and biophysics.

She is the author of 30 scientific works, including 1 book and 2 teaching aids.

RESEARCH AREA

Conducts scientific-research work on "Application of physics and mathematics to agricultural production";

SCIENTIFIC WORKS

1. Effect of doping BSN ($\text{Sr}_{1-x}\text{Nb}_2\text{O}_6$) crystals with Mn, Ce and Gd on electrical conductivity. SCIENTIFIC WORKS OF ADAU. № 1. Ganja -2012. P. 71-73.

2. Solving some theoretical issues of cylindrical surfaces applied in agricultural machines. Ganja branch of ANAS. NEWS COLLECTION. No. 53. Ganja - 2013. P.109-112

3. Application of cylindrical surfaces to tillage machines. AR Ganja State University. Scientific news. Fundamental, humanitarian and natural sciences series #3. Ganja 2013. P. 38-40.
4. Axisymmetric characteristic oscillations of spherical bimorph of piezoceramic-metal type. SCIENTIFIC WORKS. Fundamental sciences. No. 2. Baku 2013. P. 127-235.
5. Solving some theoretical issues of cylindrical surfaces applied in agricultural machines. Ganja branch of ANAS. NEWS COLLECTION. No. 53. Ganja - 2013. P.109-112
6. Study of thermoelectric moving force of Ag₂S compound at low temperatures. Republican Conference dedicated to the 95th anniversary of BSU. December 24-25. Baku 2014. 118-119
7. Study of the intensity of ion move in the nerve fiber membrane with the help of ion paramagnetic resonance. December 25-26 International Conference dedicated to the 10th anniversary of the Institute of Physics Problems of BSU. Baku 2015. 118-119.
8. Opto-nanoelectronics, condensation. Physics of environment and high energies. Proceedings of the international conference. Baku 2015.
9. Physics and biophysics. Baku 2019
10. Some issues of teaching the topic "Particle passing through a potential barrier. Tunnel effect" from the subject of atomic physics. GDU. Scientific news 2019 #3
11. Study of electrical properties of AGFES₂ and AG₂S combination in the phase transition part. Scientific news. Basic, Humanities and natural sciences series. GDU. Ganja 2019.
12. Instilling practical skills by solving problems related to the group of vital tasks at the upper secondary school level. GSU International scientific conference. Actual problems of modern natural and economic sciences. Part IV. pp. 189-191.
13. The role of using of tasks in creative character at the upper secondary school level. GDU International scientific conference. Actual problems of modern natural and economic sciences. Part IV. pp. 193-196.
14. Scientific methodical analysis of the subject of electromagnetic waves. GSU International scientific conference. 2023.
15. A collection of problems on physics. Textbook, 192 pp. Baku 2022.
16. The subject of "applied physics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № A-549. Baku, 13.09.2022.
17. The subject of "Biophysics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № A-549. Baku, 13.09.2022.
18. The subject of "technical thermodynamics and heat transfer" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № . A-549. Baku, 13.09.2022.
19. The subject of "general and applied physics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № . A-549. Baku, 13.09.2022.

20. The subject of "The basic of physics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № A-549. Baku, 13.09.2022.
21. The subject of "physics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № A-549. Baku, 13.09.2022.
22. The subject of "medical physics" for the bachelor's level of higher education. AR Ministry of Science and Education. Order № A-549. Baku, 13.09.2022..
23. Instilling practical skills by solving problems related to the group of vital tasks at the upper secondary school level. GSU International scientific conference. Actual problems of modern natural and economic sciences. Part IV.
24. APPLICATION OF CHARACTERISTICS OF RESISTANCE DISTRIBUTION ALONG THE THICKNESS OF SILICON WATER. Scientific news of GSU No. 2, 2023
24. EFFECT OF EXTERNAL FACTORS ON THE MECHANICAL DISSOLUTION PROCESSES OF POLYETHYLENE + NANOCCLAY NANOCOMPOSITES. IV INTERNATIONAL LIBERTY INTERDISCIPLINARY STUDIES CONFERENCE.AUGUST 02-04 ,2023
25. Scientific-methodical analysis of the subject of electromagnetic waves. GSU International scientific conference 2023
- 26.3rd ORDER TRANSIENT GEOMETRIC –GETTING NUMERICAL SERIES AND THEIR CHARACTERISTICS. . International Scientific Journal ISJ Theoretical & Applied Science Philadelphia, USA issue 10 VOLUME 126 published October 30,2023 (impact faktor)
27. Laboratory practicum in physics. Textbook. page 332. Baku 2023.

LANGUAGE SKILLS

English

Russian

Other languages