

Manana Mamulashvili

Personal Information

Name Surname: **Manana Mamulashvili**
Date of Birth: 1959-09-05
Sex: Female
Citizenship: Georgian
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Education

Academic Degree: Ph.D./Equivalent to Ph.D
Educational Institution: Georgian Technical University
Qualification: Doctor of Chemical and Biological Engineering
Date of grant: 2020-02-07
Country: Georgia

Academic Degree: Master's/Equivalent to Master's
Educational Institution: V.I.Lenin Polytechnic Institute of Georgia
Qualification: Engineer-Chemical Technologist
Date of grant: 1984-06-27
Country: Georgia

Work Experience

Organization: Georgian Technical University
Structural Unit: Membrane Technologies Engineering Institute
Position: Head of the Physical-Chemical Analysis Laboratory, Membrane Technologies Engineering Institute, Technical University of Georgia, Senior Researcher
Date of commencement of work: 2023-10-18
Date of completion of work: till today

Organization: Georgian Technical University
Structural Unit: Department of Environmental Protection and Engineering Ecology,
Position: Assistant Professor
Date of commencement of work: 2021-10-02
Date of completion of work: till today

Organization: Georgian Technical University

Structural Unit: Membrane Technologies Engineering Institute
Position: Scientific employee
Date of commencement of work: 2017-10-18
Date of completion of work: 2023-10-17

Organization: Georgian Technical University
Structural Unit: Faculty of Chemical Technology and Metallurgy
Position: Assistant
Date of commencement of work: 2017-10-02
Date of completion of work: 2021-10-02

Organization: Georgian Technical University
Structural Unit: Faculty of Chemical Technology and Metallurg
Position: Senior Teacher
Date of commencement of work: 2013-09-23
Date of completion of work: 2017-09-11

Organization: Georgian Technical University
Structural Unit: Chemical and Biological Department
Position: Laboratory Assistant
Date of commencement of work: 2007-10-10
Date of completion of work: 2013-10-23

Organization: Georgian Technical University
Structural Unit: Chemical and Biological Department
Position: technical worker
Date of commencement of work: 2007-09-03
Date of completion of work: 2007-10-10

Organization: Georgian Technical University
Structural Unit: Department of Environmental Protection and
Engineering Ecology,
Position: Laboratory Assistant
Date of commencement of work: 2006-09-18
Date of completion of work: 2007-08-01

Organization: Georgian Polytechnic Institute
Structural Unit: Department of Environmental Protection
Position: Senior Laboratory Assistant
Date of commencement of work: 1992-09-01
Date of completion of work: 2006-08-01

Organization: Georgian Polytechnic Institute
Structural Unit: Department of Environmental Protection

Position: Laboratory Assistant
Date of commencement of work: 1981-02-01
Date of completion of work: 1992-09-01

Qualification Raising

Trainings

Organization: Georgian Technical University
Subject: Modern Methodologies of Learning and Teaching in University Education". Certificate
Country: Georgia
Date: 2025-04-08

Organization: Georgian Technical University
Subject: On Science and Business Communication"
Country: Georgia
Date: 2024-06-18

Organization: Georgian Technical University
Subject: "Computer skills and Google services". Certificate
Country: Georgia
Date: 2023-06-14

Organization: Georgian Technical University
Subject: "Modern practice of solid waste management in Georgia"
Country: Georgia
Date: 2021-06-20

Organization: Georgian Technical University
Subject: ERASMUS+PROJECT PRINTeL Training - "enhanced learning using information/communication technologies, mobile learning using game elements" 1 ECTS credit. Certificate
Country: Georgia
Date: 2021-04-29

Organization: Georgian Technical University
Subject: ERASMUS+PROJECT PRINTeL Training - "enhanced learning using information/communication technologies, mobile learning using game elements" 1 ECTS credit. certificate
Country: Georgia

Date: 2019-03-09

Organization: Ministry of Education and Science of Georgia, with the financial support of the Swedish Government
Subject: Environmental Awareness Raising and Waste Management"Project "Clean Up Georgia"Phase III
Country: Georgia
Date: 2017-05-18

Seminar

Organization: Student Parliament of Georgia
Subject: Environmental protection and ecology
Country: Georgia
Date: 2021-12-11

Organization: Eap GREEN Partnershif for Environment and Growth
Subject: Resource efficient and clean production demonstration project in Georgia. Clean production, competitive business, green economy
Country: Georgia
Date: 2017-06-21

Projects & Grants

Name of the project/grant: AR-22-1998 - For Applied Research State Scientific for Grants Competition , Microfiltration of Wine and for Ultrafiltration Water Flat-parallel type production membrane device
Position: main performer...
Donor: Shota Rustaveli National Scientific
Leader Organization: Georgian Technical University
Start | End Date: 2022-12-23 - 2024-12-23

Scientific Productivity

Scopus

Cited Index: 2

H Index: 1

Google scholar

Cited Index: 11

H Index: 2

Leadership of educational programs

I worked for years: 1982-1989. Purification of exhaust gases from sulfur anhydride in lithophone production. №04-168/82 Reg.№0182038269; Cleaning of exhaust gases and wastewater of the Racha mining and chemical plant. Processing of solid waste of the Tsana deposit №04-582/89; Development of methods for cleaning fluoride-containing wastewater of the existing plant at the NII MION. Reg.№1850003216; In parallel, I worked 1990-1992. College of Nature Management; Secondary vocational public school - chemistry teacher. 2004-2012;

GTU Accredited Laboratory for Testing Waters "Ecology" Certificate №384 Chemical analysis of drinking and wastewater 2000-2006; Research of heavy metals by atomic absorption method. GTU Kazma preparation and processing problem laboratory - ore, slag and metal analysis; Microbiological analysis of natural and wastewater, wine and fruit juices; Membrane processes;

Work experience on equipment: ionomer (И-160. 1MP), rotary DH-Dj-8S viscometer, turbidimeter (Turb 555 IR), analyzer Zetasizer Nano Zen 3690-Malvern, photocolormeter, conductivity meter - KEJ-1M2, atomic absorption spectrophotometer (AAS-3 Karl Zeiss).

Conference, Symposium, Award

- 2023-04-20 - International scientific-methodical conference "Chemistry-Achievements and Prospects" dedicated to the 90th anniversary of the birth of Academician Givi Tsintsadze is presented two papers
- 2021-11-21 - International scientific-practical conference "Aspects of innovative research in agricultural sciences"
- 2020-06-10 - 87th Open International Conference of STU students
- 2019-11-12 - International Scientific-Technical Conference "Environmental Protection and Sustainable Development" dedicated to the 80th anniversary of Professor Victor Eristavi Certificate. Two papers have been submitted
- 2018-06-25 - 86th international scientific conference of students. Environmental Engineering and Safety Section. Diploma-I place
- 2018-03-15 - Collection of Proceedings of the International Scientific-Practical Conference "Modern Science and Innovative Practice" Volume II Kutaisi 2018. Two papers were presented
- 2015-10-23 - II International Conference "Modern technologies and methods of processing inorganic materials" Collection of reports
- 2024-11-05 - 6 th International Environmental Chemistry Congress (EnviroChem), Proceedings Book, Turkey, Trabzon, <https://www.envirochem.org.tr/belgeler>; Two works have been submitted. Certificate
- 2024-08-23 - 2024- 08-23-25 6th International Black Sea Modern Scientific Research Congress. Turkey, Trabzon, Black Sea Three works have been submitted. Certificate https://www.blackseacountries.org/_files/ugd/614b1f_9a99de25b24b471ea6a59f9104534c4d.pdf;
- 2024-10-17 - „ Al Farabi 13th International Scientific Research and Innovation Congress“ Tekirdağ, Türkiye One works have been submitted
- 2024-06-12 - 2024-06-12 - International Scientific Conference "Environmental Protection and Sustainable Development" dedicated to the 85th anniversary of Professor Viktor Eristavi. Perspectives. Two papers have been submitted. Certificate

- 2018-10-20 - 2018-10-20 "Chemistry Achievements and Perspectives" international scientific-methodical conference dedicated to the 85th anniversary of the birth of academician Givi Tsintsadze. October 19-20, 2018, Tbilisi, Georgia. <http://gtu.ge/ismc/>. - Certificate

Languages

- Georgian
- Russian