

Maryam Gholami, Ph.D

In the name of God

Curriculum Vitae

(Scientific, Research, and Executive Experience)



Dr. Maryam Gholami

+ Personal and contact information

Name: Maryam Gholami

Field of study: Environmental Health Engineering (Ph.D)

Position: Faculty member of Shahid Sadoughi University of Medical Sciences, Yazd (Abarkouh School of Paramedicine)

Rank: Assistant Professor

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+ Education

Ph.D (Sep 2016 - Sep 2022)	Environmental Health Engineering, Shahid Sadoughi University of Medical Sciences, Yazd, Iran	GPA: 19
M.Sc (Sep 2009 - June 2012)	Environmental Health Engineering, Tehran University of Medical Sciences, Tehran, Iran	GPA: 18.27
B.Sc (Sep 2004 - Jan 2009)	Environmental Health Engineering, Shahid Sadoughi University of Medical Sciences, Yazd, Iran	GPA: 18.9

✚ Thesis Titles and Academic Projects

M.Sc

- **Thesis:** Investigating the efficiency of modified natural zeolite with surfactant in removal of 2, 4, 6 trichlorophenol from aqueous solutions
- **Project:** Investigating the efficiency of Iranian natural zeolite activated with hexadecyltrimethylammonium chloride in removing Reactive Red 120 from aqueous solutions

Ph.D

- **Thesis:** A survey of the effect of bioaugmentation on wastewater treatment of paper and cardboard recycling industries using isolated indigenous microbial consortium
- **Project 1:** Performance evaluation of coagulation and flocculation process of Yazd cardboard company wastewater treatment and providing corrective strategies for process optimization and water reuse
- **Project 2:** Investigating the effectiveness of isolated native yeasts in the biodegradation of wastewater pollutants of Yazd cardboard company

✚ Professional Experience as a Faculty Member

- **Instructor:** Faculty Member, Department of Environmental Health Engineering, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd (2012-2016)
- **Assistant Professor:** Faculty Member, Department of Environmental Health Engineering, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd (Since March 2023)

✚ Academic Achievements and Cultural Awards

- **Maryam Mirzakhani National Prize:** received a certificate of appreciation and an award from the Minister of Science, Research and Technology and Vice President for Woman and Family Affairs in the 4th National Festival of Women and Science, 2021
- **Alborz National Prize (Iranian Nobel):** received a certificate of appreciation and an award by Alborz Cultural Foundation, 2021
- **Elected Student Award:** received a certificate of appreciation and an award from the president, 2021

✚ Teaching Experience (Associate and Bachelor Degrees)

Chemistry and microbiology of water and wastewater, Urban and industrial solid waste, Environmental disinfectants, Industrial wastewater, Introduction to radiation and radioactivity, Wastewater or solid waste disposal in small communities, Industrial waste, Housing and public spaces hygiene, Rules and regulations of environmental health, Disinfectants and cleaners, Water quality management, Wastewater treatment, Processes and operations in environmental health, Biotechnology in environmental health, Environmental ecology, Environmental chemistry, Environmental microbiology, Internship in the field

Research Fields and Professional Interests

- Application of chemical and biological methods in water and wastewater treatment
- Environmental microbiology
- Polymerase chain reaction (PCR)
- Environmental biotechnology
- Wastewater treatment of paper and cardboard and textile industries

Research Projects

- Investigating the effectiveness of Iranian natural zeolite activated with hexadecyltrimethylammonium chloride in removing Reactive Red 120 from aqueous solutions, 2011
- Performance evaluation of removal of Reactive Blue 19 color using waste rose from textile wastewater, 2013
- Efficiency of waste rose in removing Reactive Red 198 from textile wastewater, 2013
- Comparison between the electronic system and the common method of monitoring the quality of water distribution system in detecting defects of drinking water quality in Abarkouh, 2014
- The survey of knowledge, attitude and practice of Abarkouh women regarding health hazards, proper maintenance methods and application of pesticides at home, 2014
- Evaluating the prevalence of symptoms of sick building syndrome and environmental factors associated with it in students residing in dormitories of Yazd University of Medical Sciences in 2014.
- The survey of knowledge, attitude and performance in hairdressers regarding infection control and disinfection in hairdressing salons of Abarkouh in 2017
- The survey of knowledge, attitude and practice of solid waste recycling among housewives in Abarkouh in 2017
- Performance evaluation of the coagulation and flocculation process in wastewater treatment in Yazd cardboard company and providing corrective strategies for process optimization and water reuse, 2017
- Survey of environmental literacy (knowledge and attitude) of people toward environmental issues and challenges in Yazd province, 2017
- Preparation and characterization of synthesized nano silicate prepared from sodium silicate and its efficiency in Rhodamine B dye absorption from aqueous solutions, 2017
- Survey of rural sewage system development and energy production strategies with regard to the time, resources and cost management, 2017
- Determining the level of toxicity caused by heavy metals in used batteries from electronic waste, 2019
- Survey of factors related to household performance regarding domestic wastewater management with sustainable development approach in Yazd, 2020
- A survey of the effect of bioaugmentation of isolated indigenous microbial consortium on wastewater treatment of paper and cardboard recycling industries, 2020

- A survey of the efficiency of White Rot fungal consortium in biological wastewater treatment of recycled paper and cardboard industry, 2022
- Investigating the feasibility of recovering sand filter backwash water in the industrial water treatment plant of Razi petrochemical company using the combined processes of chemical coagulation and composite ceramic filtration, 2023
- Investigating the effect of filters on water quality of household refrigerator water filters, 2023

Journal Articles

- Comparison of using an electronic system and conventional monitoring method for monitoring the quality of drinking water in and defects discovery of rural area water distribution network of Abarkouh, Iran, Health, 2015, **Chemical Abstract**
- Sorption of acid dye by surfactant-modified natural zeolites, Journal of the Taiwan Institute of Chemical Engineers, 2015, **ISI**
- Removal of 2,4,6-trichlorophenol from aqueous solutions by Cetylpyridinium bromide (CPB)-modified zeolite in batch and continuous systems, Desalination and Water Treatment, 2015, **ISI**
- Adsorption of 2,4,6-trichlorophenol from aqueous solutions by a surfactant-modified zeolitic tuff: batch and continuous studies, Desalination and Water Treatment, 2016, **ISI**
- Knowledge, attitude and practice of women regarding health hazards and proper methods of storage and use of toxins in the home in Abarkouh, Journal of Environmental Health and Sustainable Development, 2018, **Scopus**
- Water transfer, A solution for water shortage?, Journal of Environmental Health and Sustainable Development, 2019, **Scopus**
- Investigating the efficiency of coagulation and flocculation process in wastewater treatment of paper and cardboard recycling industry, International Journal of Environmental Analytical Chemistry, 2020, **ISI**
- Assessment of environmental literacy: a case study of Yazd citizens' awareness, attitudes, and practices in 2017, Journal of Community Health Research, 2020, **ISC**
- Bioremediation of paper and cardboard recycling industry wastewater by native yeasts, Desalination and Water Treatment, 2021, **ISI**
- Co-metabolic bacterial and fungal remediation as a promising strategy for recycled paper and cardboard mill wastewater, Pigment & Resin Technology, 2022, **ISI**
- Indigenous bacteria as an alternative for promoting recycled paper and cardboard mill wastewater treatment, Scientific Reports, 2022, **ISI**
- Application of eggshell as a natural sorbent for removal of Reactive Red 123 dye from synthetic textile wastewater, Zahedan Journal of Research in Medical Sciences, 2010, **ISC**
- Performance of modified natural zeolite in removal of 2,4,6-trichlorophenol from aqueous solutions, Journal of Toloo-e-Behdasht, 2014, **ISC**
- Performance of multi-walled carbon nanotubes in removal of phenol from aqueous solutions, Iranian Journal of Health and Environment, 2014, **ISC**

- Removal of Reactive Red 120 from aqueous solutions using surfactant-modified natural zeolite, Iranian Journal of Health and Environment, 2014, **ISC**
- The efficiency of waste Rosa damascena powder in removing Reactive Red 198 dye from synthetic textile effluent, Journal of Environmental Health Engineering, 2014, **ISC**
- Investigating the awareness, attitude, and performance of hairdressers regarding infection control and disinfection in hairdressing salons of Abarkouh, Journal of Toloo-e-Behdasht, 2020, **ISC**

Conferences Proceedings

- Flood management, damage reduction. The 1st international environmental conference, Tehran, 2014. (Poster presentation)
- The place of prayer and its influence on Islamic lifestyle and cultural excellence. National Conference on Islam and Mental Health, Bandar Abbas, 2014. (Poster presentation)
- The place and relationship of science and work in Islamic culture. The 1st national conference of science and work, Yazd, 2014. (Poster presentation)
- The principles of environmental health from the perspective of the Quran and Hadiths. National Conference on the Quran and Medicine, Yazd, 2018. (Poster presentation)
- Investigating the effectiveness of the coagulation and flocculation process in removal of monoazo reactive red 123 from textile wastewater. The Annual Research Conference of Shahid Sadoughi University of Medical Sciences, Yazd, 2018. (Poster presentation)
- Investigating the removal efficiency of Reactive Blue 224 from textile wastewater using alum in 2015. The Annual Research Conference of Shahid Sadoughi University of Medical Sciences, Yazd, 2018. (Poster presentation)
- Application and development of novel methods of saline water desalination in dry and semi-arid climates. The 4th international conference on new ideas in agriculture, environment and tourism, Ardabil, 2016. (Poster presentation)
- Effect of pH modification on treatment of wastewater produced by a Cardboard factory. The 2nd International and 20th National Conference on Environmental Health and Sustainable Development, Yazd, 2017. (Poster presentation)
- Sick Building Syndrome among students of Yazd University of Medical Sciences in relation to the dormitory environment. The 2nd International and 20th National Conference on Environmental Health and Sustainable Development, Yazd, 2017. (Poster presentation)
- An overview of wastewater treatment processes in pulp and paper industry. The 1st national conference on safety, health, and the environment, Sirjan, 2019. (Poster presentation)
- Solid waste recycling: An economic approach to reduce environmental pollution. The 1st national conference on safety, health, and the environment, Sirjan, 2019. (Oral presentation)
- Interbasin transfer of water and integrated management of water resources: dos and don'ts. The 4th International Conference on New Horizons in Agricultural Sciences, Natural Resources and the Environment, Tehran, 2019. (Poster presentation)

- Investigating the application of biodegradation processes in removing pollutants from contaminated environments. The 4th International Conference on New Horizons in Agricultural Sciences, Natural Resources and the Environment, Tehran, 2019. (Poster presentation)
- Preparation and characterization of synthesized nano silicate prepared from sodium silicate and its efficiency in Rhodamine B dye adsorption from aqueous solutions. The 4th National Conference of Nano Science and Technology, Yazd, 2019. (Oral presentation)
- Application of nanoparticles in water and wastewater treatment: challenges and limitations. The 1st international conference on science, engineering and the role of technology in new businesses, Tehran, 2019. (Oral presentation)
- Biosensors: Application of new technology in human health and the environment. The 1st international conference on science, engineering and the role of technology in new businesses, Tehran, 2019. (Oral presentation)
- Membrane technology and its application in the treatment of municipal and industrial effluents. The 1st international conference on science, engineering and the role of technology in new businesses, Tehran, 2019. (Oral presentation)
- Biodiesel green fuel: production, opportunities, challenges. The 1st International Conference on Management of Agricultural Sciences, Natural Resources, Geography and Clean Energy, Mashhad, 2019. (Poster presentation)
- A review of the bioremediation processes of soils contaminated with petroleum hydrocarbons. The 1st International Conference on Management of Agricultural Sciences, Natural Resources, Geography and Clean Energy, Mashhad, 2019. (Poster presentation)
- Entrepreneurship and knowledge-based economics in environmental health engineering. The 13th university students conference on innovations in health sciences, Tehran, 2020. (Poster presentation)
- Application of Moving Bed Biofilm Reactor (MBBR) Process in Sanitary Wastewater Treatment - Case Study: University Sewage. The 3rd Iran Water and Wastewater Science and Engineering Congress, Shiraz, 2020. (Oral presentation)
- Employment Opportunities in Environmental Health Engineering. The 4th international and the 23rd national conference on environmental health, Yazd, 2021. (Poster presentation)
- Investigating the knowledge, attitude and practice of housewives regarding solid waste recycling in Abarkouh city. The 5th international and the 24th national conference on environmental health, Kashan, 2021. (Poster presentation)
- Comparison of the quality of recycled paper and cardboard mill effluent with environmental standards. The 5th international and the 24th national conference on environmental health, Kashan, 2021. (Poster presentation)
- Biobleaching: A Strategy for Electronic Wastes Management with a Sustainable Development Approach. The 1st international research conference on agriculture and the environment, Tehran, 2023. (Poster presentation)
- Biological inoculation: a new approach in industrial wastewater treatment for reuse. The 1st international research conference on agriculture and the environment, Tehran, 2023. (Poster presentation)

- Environmental Health Literacy as the Core Element of Green Schools. The 1st International Health Literacy Congress and 4th International Congress of Health Education and Health Promotion, Mashhad, 2023. (Poster presentation)
- Awareness and Attitudes of Families Toward Integrated Solid Waste Management: Implications for Human Health and the Environment. The 1st International Health Literacy Congress and 4th International Congress of Health Education and Health Promotion, Mashhad, 2023. (Poster presentation)
- Exploring Students' Awareness and Attitude towards Environmental Literacy in Schools: A Review Article. The 1st International Health Literacy Congress and 4th International Congress of Health Education and Health Promotion, Mashhad, 2023. (Poster presentation)
- The Importance of the School Environment in Promoting Health Literacy among Young People: A Review of Evidence. The 1st International Health Literacy Congress and 4th International Congress of Health Education and Health Promotion, Mashhad, 2023. (Poster presentation)
- Bioremediation: A Biocompatible Approach to Remove Environmental Pollution, The 8th international conference on applied research in agricultural sciences, natural resources and the environment, Hamedan, 2024. (Oral presentation)

Books

- What we should know about water, Marduk, 2015
- Industrial wastewater (fundamentals of treatment, reuse, experiments), Khaniran, 2016
- Wastewater treatment, Islamic Azad University - Meybod, 2017
- Entrepreneurship and job opportunities in environmental health engineering, Asar Sobhan, 2017
- Practical guide for industrial and hazardous waste management, Avai Qalam, 2019

Ideations, Inventions and Genome Submission

- The technological idea of designing and setting up The Virtual Exhibition of Health, Safety, Environment and Energy (HSEE), accepted by the Yazd Science and Technology Park
- Submission of 15 bacterial and 7 fungal genomes to the NCBI international database (www.ncbi.nlm.nih.gov) [Accession numbers: MZ613189, MZ603671, MZ603715, MZ603673, MZ613313, MZ613316, MZ613319, MZ599595, MZ603616, MZ323975, MZ599583, OK178569, MZ598482, MZ597866, OK178561, ON024398, ON024397, ON024395, ON024394, ON024392, ON024391, ON024389]

Research Grants

- Performance evaluation of the coagulation and flocculation process in treating wastewater of Yazd cardboard company and providing corrective strategies for process optimization and water reuse. Grant for the approved project of communication with industry, society and scientific centers. Provincial (industry). Cardboard company, Yazd, 2017
- Survey of rural sewage system development and energy production strategies with regard to the time, resources and cost management. Grant for the approved project of communication with industry, society and scientific centers. Provincial (industry). Water and wastewater company, Yazd, 2017
- Survey of factors related to household performance regarding domestic wastewater management with sustainable development approach in Yazd. Grant for the approved project of communication with industry, society and scientific centers. Provincial (industry). Water and wastewater company, Yazd, 2020
- A survey of the effect of bioaugmentation of isolated indigenous microbial consortium on treating wastewater of paper and cardboard recycling industries. Grant for the approved project of communication with industry, society and scientific centers. Provincial (industry). Kasra paper company, Yazd, 2020
- Grant for being elected as the top faculty researcher among satellite schools of Yazd Shahid Sadoughi University of Medical Sciences, 2023

Establishment of a Technology Company / Knowledge Enterprise

- Participating in the establishment of the Ati Salamat Company, located in the Health Technology Development Center of Shahid Sadoughi University of Medical Sciences, Yazd

Reviewership

- Iranian Journal of Health and Environment, Iranian association of environmental health (IAEH)
- The Journal of Toloo-e-Behdasht, Shahid Sadoughi University of Medical Sciences, Yazd
- The 12th & 13th University Students Conference on Innovation in Health Sciences, Shahid Beheshti University of Medical Sciences, Tehran
- Journal of Environmental Health and Sustainable Development (JEHSD), Shahid Sadoughi University of Medical Sciences, Yazd (Scopus)
- International Archives of Health Sciences (IAHSJ), Emerging Sources Citation Index (ESCI) (ISI), Directory of Open Access Journals (DOAJ)

Executive Activities (Scientific, Research, Cultural)

- Member of the executive committee of the National Student Conference on Management and New Technologies in Health Sciences, Tehran University of Medical Sciences, 2011
- Deputy for research, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013
- Member of the executive committee of the Research Seminar, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013
- Accreditation consultant of Khatam Al-Anbia Hospital in Abarkouh, 2014
- Faculty member of Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2012-2016
- Director of educational affairs, department of environmental health engineering, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013-2016
- Member of the educational council of Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2012-2016
- Member of the research council of Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013-2016
- Research expert of the committee for selection of elected students, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013-2015
- Food safety supervisor of Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2013-2016
- Member of the supervisory council of students' scientific associations, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2016
- Scientific interface of the brilliant talents' office, Shahid Sadoughi University of Medical Sciences, Yazd, 2016
- Member of the executive committee of charity market for The Heavenly Children 2, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Member of the executive committee of the 2nd International and the 20th National Conference on Environmental Health and Sustainable Development, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Sessional Instructor, School of Health and Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, 2015-2022
- Faculty member and director of department of Environmental Health Engineering, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, since 2023
- Academic advisor for environmental health engineering students, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, since 2023

- Member of the research council of Genetic and Environmental Adventures Research Center, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, since 2023
- Member of the cultural council, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, since 2023
- Consultant of cultural activities and religious rituals, Abarkouh School of Paramedicine, since 2023
- Member of Hijab Campaign, Abarkouh School of Paramedicine, Yazd University of Medical Sciences, since 2023
- Member of the committee for selection of elected students, Abarkouh School of Paramedicine, Yazd University of Medical Sciences, since 2023
- Member of BASIJ of the medical community, since 2023

Thesis and Project Supervisor / Advisor

- Master's thesis advisor. Investigating the feasibility of recovering sand filter backwash water in the industrial water treatment plant of Razi Petrochemical Company using the combined processes of chemical coagulation and composite ceramic filtration, 2023
- Supervisor for research projects of environmental health engineering students, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd, since 2011

Designing Learning Activities (Preparing Instructional Materials)

- Participation in setting up the laboratory of environmental chemistry and environmental microbiology, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd
- Setting up the urban facilities workshop, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd
- Preparation of internship logbook for environmental health engineering students, Abarkouh School of Paramedicine, Shahid Sadoughi University of Medical Sciences, Yazd
- Preparation of an educational software for operation and maintenance of water and wastewater facilities

Honors & Awards

- The first rank in bachelor's course (Score 18.90)
- The third rank in master's course (Score 18.27)
- The first rank in Ph.D. comprehensive exam (2017)
- The first rank in Ph.D. course (Score 19)
- Ranked top talent in undergraduate and Ph.D. course
- University elected Ph.D. student for two academic years (2020 and 2021)

- Maryam Mirzakhani National Award (The 4th National Festival of Women and Science, 2021), received a certificate of appreciation and an award from the Minister of Science, Research and Technology and Vice President for Woman and Family Affairs
- Alborz National Prize (Iranian Nobel), received a certificate of appreciation and an award by Alborz Cultural Foundation, 2021
- Outstanding national researcher of the National Student Research Committee, 2022
- Elected university student, received a certificate of appreciation from the Minister of Health, 2021
- National well-deserved recognition for hard work in the research section (book summarization) of the 25th edition of Quran and Etrat festival of the Ministry of Health and Medical Education, 2019
- National third rank in the research section (book summarization), the 35th National Quran and Etrat festival, 2021
- The first rank for the technological idea of the virtual exhibition of Health, Safety, Environment and Energy (HSEE) in the first event of new patterns and solutions in cooperation among the university, society and industry, Ministry of Science, Research and Technology, Director General of the Office of Relations with Society and Industry, 2019
- The first rank for the technological idea of the virtual exhibition of Health, Safety, Environment and Energy (HSEE) at the virtual space section in the 1st national festival of safety and occupational health in hospitals and health care centers, Shiraz University of Medical Sciences, 2021
- The top rank of the 5th competition of innovative educational ideas, Kashan University of Medical Sciences, 2021
- National elected student award, received a certificate of appreciation and an award from the president, Ministry of Health and Medical Education, 2021

Other Cultural Activities and Honors

- Culturally active student, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- The certificate of Talieh Hikmat instructor training course (works of Shahid Motahari), National Student BASIJ Organization, 2013
- Secretary of Quran and Etrat Center, Shahid Sadoughi University of Medical Sciences, Yazd, 2016-2017
- Mental health assistant, Shahid Sadoughi University of Medical Sciences, Yazd, 2016-2018
- Member of student BASIJ, Shahid Sadoughi University of Medical Sciences, Yazd, 2015-2018
- Cooperation with the supreme leader's representative office in Shahid Sadoughi University of Medical Sciences, Yazd, since 2015
- Member of the editorial board of the student journals of “Arshieh”, “Amayesh”, and “Innovations in Health”, Shahid Sadoughi University of Medical Sciences, Yazd, 2015-2018
- Director of Arshieh Quranic student journal, Shahid Sadoughi University of Medical Sciences, Yazd, 2019-1400

- Holding exhibitions of cultural books and charity markets, Shahid Sadoughi University of Medical Sciences, Yazd, 2016
- Participating in Jihadi Camp, Student BASIJ, Shahid Sadoughi University of Medical Sciences, Yazd, 2015
- The 1st rank of speech (university level), the 25th Quran and Etrat festival of the Ministry of Health and Medical Education, 2019
- The 3rd rank of Prayer (university level), the 25th Quran and Etrat festival of the Ministry of Health and Medical Education, 2019
- Received two university ranks in sports competitions and five university ranks in cultural competitions of reading and art, Shahid Sadoughi University of Medical Sciences, Yazd, 2016-2021

Membership in Scientific Societies and Associations

- Member of the Iranian Association of Environmental Health (IAEH)
- Member of UNESCO Innovation and Technology Club, 2021
- Representative of the Research and Technology Vice-Chancellor in the Department of Innovation and Entrepreneurship, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Representative of the Founding Board and Secretary of the Student Entrepreneurship Association, Shahid Sadoughi University of Medical Sciences, Yazd, 2018 and 2019
- Member of Students' Educational Development Office (EDO), Shahid Sadoughi University of Medical Sciences, Yazd, 2016 and 2017
- Member of the Central Council of the Student Research Committee (deputy of educational and technology), Shahid Sadoughi University of Medical Sciences, Yazd, 2018-2019
- Member of the Founding Board of the Nanotechnology Scientific Association, Shahid Sadoughi University of Medical Sciences, Yazd, 2015
- Member of the Central Council and Secretary of the Nanotechnology Scientific Association, Shahid Sadoughi University of Medical Sciences, Yazd, 2016-2017
- Member of the Central Council of the Environmental Health Scientific Association, Shahid Sadoughi University of Medical Sciences, Yazd, 2018 - 2019

Technical Skills

- Acquainted with English language
- MHLE and MSRT Certificates
- Acquainted with water and wastewater pollutants analysis devices related to environmental chemistry and environmental microbiology
- Acquainted with Microsoft Office, SPSS, Design expert and EndNote software
- Instructor of workshops on research methodology, proposal writing, and paper writing

Participation in Educational Workshops

- HSE, Shahid Sadoughi University of Medical Sciences, Yazd, 2008
- EndNote, Tehran University of Medical Sciences, 2009
- GIS, Tehran University of Medical Sciences, 2009
- How to publish a paper, Tehran University of Medical Sciences, 2010
- PubMed, Tehran University of Medical Sciences, 2010
- How to write a paper, Tehran University of Medical Sciences, 2010
- Statistics and SPSS, Tehran University of Medical Sciences, 2010
- Lesson Plan, Shahid Sadoughi University of Medical Sciences, Yazd, 2012
- Qualitative research methodology, Shahid Sadoughi University of Medical Sciences, Yazd, 2012
- Enlightenment, Shahid Sadoughi University of Medical Sciences, Yazd, 2012
- Question design, Shahid Sadoughi University of Medical Sciences, Yazd, 2013
- life style, Shahid Sadoughi University of Medical Sciences, Yazd, 2013
- Specialized training of the application of electronic sources of Elsevier publisher, Shahid Sadoughi University of Medical Sciences, Yazd, 2014
- Proposal writing, Shahid Sadoughi University of Medical Sciences, Yazd, 2016
- Paper Submission, Shahid Sadoughi University of Medical Sciences, Yazd, 2016
- Experimenting and statistical modeling of the results using the linear response surface methodology (RSM), Yazd, 2016
- Journalism, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- PCR and Electrophoresis, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Prezi, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Advanced English paper writing, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Interdisciplinary research methodology in the field of Quran and health, Shiraz, 2017
- Life skills, Shahid Sadoughi University of Medical Sciences, Yazd, 2017
- Ethics in education, Shahid Sadoughi University of Medical Sciences, Yazd, 2023
- Principles of multiple-choice test design, Shahid Sadoughi University of Medical Sciences, Yazd, 2023

Update March, 2024