ZAHRA PEZESHKI

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No. 40, 4th floor, Unit 9, 3rd Honarestan, Honarestan Blvd., Mashhad, Razavi Khorasan, Iran

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IRCID:
http://sciexplore.ir/profiles/author/955-715-713
ResearcherID: E-1666-2017
Scopus Author ID: 57191962990
SciProfiles: 198389
ScholarGPS ID: 64597980990074
https://www.adscientificindex.com/scientist/zahra-pezeshki/4584680

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LINKEDIN URL: https://www.linkedin.com/in/zahra-pezeshki/
BKOHTAKTE: https://vk.com/zahrapezeshki

Education

Research Interests

Experience

Awards

Professional Activities

Reviewer Board

Technical Committee

Research Proposal

Member

Workshops

Professional Skill Certificates

Language Certificates

Skills

Education

PhD student, Institute of Energy Efficiency and Hydrogen Technologies (IEEHT), Department of Industrial Heat Engineering Systems (IHPES), National Research University "Moscow Power Engineering Institute"

COBENEFITS Specialist in Renewable Energy, 2021, Renewables Academy (RENAC), Germany, GPA 92 (of 100).

Energy Transformation Expert, 2021, Renewables Academy (RENAC), Germany, GPA 97.4 (of 100).

Masters of Science, 2017, Electrical Engineering-Electronics Integrated Circuits, Shahrood University of Technology (Iran), GPA 16 (of 20).

Bachelors of Science, 2002, Electrical Engineering-Electronics, Islamic Azad University - Sabzevar Branch (Iran), GPA 14 (of 20).

Engineer's Degree, 2017, University of Applied Science and Technology.

Diploma, Mathematics and Physics, High School, 1996, GPA 16.60 (of 20).

Others:

Diploma, Dressmaking, High School, 2012, GPA 16.95 (of 20).

3-year course of Middle school, 1991, GPA 19.52 (of 20).

5-year course of Primary school, 1988, GPA 19.58 (of 20).

Passed courses:

Course name	Course	Course time	Date
Advanced Access	Hydro Tech Toos Consulting Engineerings JSC	30 hours	2006
Soft computing	Ferdowsi University of Mashhad	1 semester	2009
English for Specific Purposes (ESP)	Ferdowsi University of Mashhad	1 semester	2009
Multi agent systems	Ferdowsi University of Mashhad	1 semester	2010
Python programming	https://maktabkhooneh.org/ https://faradars.org/	5 years	2019-2023

Research Interests

Electrical and electronics:
Electrical and Electronics; Renewable Energy Engineering, Smart Grid, Electrical Energy Systems; Noise Analysis; Analog, Mixed-Signal and RFIC Design/RFID; Digital Signal Processing; Biometric; Signal Processing; Rechargeable Batteries; Solar Cells; Nanogenerators; Sensors; Semiconductors; Induction motors; Piezoelectric; Power generation; Power engineering
Computer:
Artificial Intelligence; Artificial Intelligence and Controls; Artificial Neural Networks (ANN); Neuro Fuzzy; Adaptive Neuro-Fuzzy Inference System (ANFIS); Big Data; Computer Modelling and Simulation; Data Mining; Soft Computing; Machine Learning; Deep Learning; Finite Element Analysis; Finite Element Modeling; Finite Element Method; Optimization; Multi-Agent Systems; Programming languages; Internet of Things (IoTs)
Energy:
Energy; Energy Economics; Energy Efficiency; Energy Generation, Conversion and Storage Engineering; Renewable energies; Water consumption improvement; Consumption reduction; Thermal Comfort; Energy Optimization; Energy Saving; Quantum Hydrogen
Mechanics:
Induction motors; Thermal Comfort; HVAC systems; Fluid flow; Thermal resistance
Chemistry:
Power generation from microbes; Water desalination; Sensors; Rechargeable Batteries; Solar cell semiconductor materials; Microbes and power generation; Materials Science; Biodegradation; Biotreatment; Bioremediation
Civil:
Building Information Modeling (BIM), Virtual Reality; Augmented Reality (AR); Building materials; Project management; Digital Twins (DTs); Construction Engineering and Management
Physics:
Optic; Radiation; Convection; Conduction; Heat transfer

Experience

January 2021 – July 2021: Research fellowship, Renewable Academy (RENAC), Agora Energiewende, Berlin, Germany

October 2020 – October 2021: Scholarship holder, Renewable Academy (RENAC), Berlin, Germany

November 2021 – present: Scientific Writer, Aligarh Muslim University, Aligarh, Uttar Pradesh, India.

- Book chapter writing contributing

October 2020 – December 2020: Scientific Writer, Shahrood University of Technology, Shahrood, Semnan, Iran.

- Book chapter writing contributing

June 2002 – present: *Translation* Specialist, Institutions, Translation office and Networks, Mashhad, Tabriz, Tehran, Iran. (English/French/Russian to Persian; Persian to English/French/Russian English; Paraphrasing)

- Technical translator
- Non-technical translator

August 2011 – present: Journalist, Press, Mashhad, Razavi Khorasan, Iran.

June 2015 – present: Head of public relations, Chess Association, Mashhad, Razavi Khorasan, Iran.

November 2019 – February 2021: Scientific Writer, King AbdulAziz University, Jeddah, Makkah, Saudi Arabia.

- Book chapter writing contributing

September 2016 – September 2018: Research Assistant, Faculty of Electrical and Robotics Engineering, Shahrood University of Technology, Shahrood, Semnan, Iran.

- MSc Thesis in Electronic Integrated Circuits Engineering, Title: "Energy modeling for estimation of indoor temperature of the building based on the BIM platform"

April 2012 – present: Electrical engineer, Iran Construction Engineering Organization (IRCEO), Razavi Khorasan, Mashhad, Iran.

June 2014 – January 2016: Researcher, Iran Construction Engineering Organization (IRCEO), Razavi Khorasan, Mashhad, Iran.

January 2011 – January 2015: Instructor, Instructor Training Center & Technical and Vocational Researches, Mashhad, Razavi Khorasan, Iran.

- Teaching Information technology: 1. Photoshop; 2. Microsoft Office; 3. AutoCAD; 4. Autodesk REVIT; 5. Programming; 6. Edius
- Teaching Electricity: 1. Protel; 2. Altium Designer; 3. Porteus; 4. Autodest REVIT; 5. AutoCAD; 6. Microcontroller; 7. Programming; 8. Matlab

October 2007: Inventor, Ferdowsi University of Mashhad, Razavi Khorasan, Iran.

- Patent as: Device for Soil Moisture Measurement

September 2005 – September 2008: Adjunct professor, Department of water Engineering, Ferdowsi University of Mashhad, Razavi Khorasan, Iran.

- Department of Water Engineering: Computer Programming, Numerical Analysis

January 2005 – January 2006: Project controller, Engineer, Hydro Tech Toos Consulting Engineerings JSC, Mashhad, Razavi Khorasan, Iran.

- Cooperation in Project Management: Project control with Excel software for management of the projects of municipal wastewater collection systems of the cities of Sabzevar, Tarobat Heidarieh, and Neishaboor

January 2003 – January 2005: Electrical engineer, Guard Iran Co. & Toos Tablo Co., Mashhad, Razavi Khorasan, Iran.

- Design of PCB Boards: CCTV, AC & DC Inverters

November 2001 – July 2002: Student researcher, Islamic Azad University - Sabzevar Branch, Razavi Khorasan, Iran.

- BSc Project in Electrical and Electronic Engineering, Title: "Curve Tracer"

July 2001 – August 2001: Lecturer, Shargh Automation, Engineering Services Cooperative Co., Mashhad, Razavi Khorasan, Iran.

- Teaching Protel 99 SE software at the company training section

January 2001 – August 2001: Intern, Silk Road Manufacturing Group Co., Mashhad, Razavi Khorasan, Iran.

- Electrical - Electronic Engineering

Awards

October 2023: Scholarship, Ministry of Science and Higher Education of the Russian Federation: Moscow, Russia

January 2021: Scholarship for Energy Transformation Expert, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety: Berlin, Deutschland

October 2020: Scholarship for Energy and Climate Experts, Federal Ministry for the Environment, Nature Conservation, Building and Nuclear Safety: Berlin, Deutschland

November 2019: Academic Encouragement Award, Shahrood University of Technology: Shahrood, Semnan, Iran

January 2019: Academic Encouragement Award, Shahrood University of Technology: Shahrood, Semnan, Iran

October 2018: Project Associated Fellowship, Shahrood University of Technology: Shahrood, Semnan, Iran

June 2018: Academic Encouragement Award, Shahrood University of Technology: Shahrood, Semnan, Iran

January 2018: Academic Research Grant from University, Shahrood University of Technology: Shahrood, Semnan, Iran

March 2018: Academic Encouragement Award, Shahrood University of Technology: Shahrood, Semnan, Iran

October 2016: Academic Encouragement Award, Shahrood University of Technology: Shahrood, Semnan, Iran

September 2015: National Funding, Iran Ministry of Science, Research and Technology: Shahrood, Semnan, Iran

February 2015: Best Plan Award, 6th International Conference on Integrated National Disaster Management, Samen Municipality: Mashhad, Razavi Khorasan, Iran

September 2014: Best Paper Award, The 3rd National Conference of Construction Innovative Technologies, Department of Housing and Urban Development: Mashhad, Razavi Khorasan, Iran

Jun 2014: Grant, Iran Construction Engineering Organization (IRCEO): Mashhad, Razavi Khorasan, Iran

November 2024: Диплом**,** Конкурсе научных работ молодых ученых, проводимых в рамках X Международной научно-технической конференции

Professional Activities

International social networks		
1	Researchgate	https://www.researchgate.net/profile/Zahra_Pezeshki3
2	Scopus	https://www.scopus.com/authid/detail.uri?authorId=57191962990
3	Google Scholar	https://scholar.google.com/citations?user=XKJhK78AAAAJ&hl=en
4	Academia	https://shahroodut.academia.edu/ZahraPezeshki
5	Scinapse	https://scinapse.io/authors/2563808786
6	Semantic scholar	https://www.semanticscholar.org/author/Zahra-Pezeshki/47783407
7	ScholarGps	https://scholargps.com/scholars/64597980990074/zahra-pezeshki
8	Loop ID	https://loop.frontiersin.org/people/2886270/overview
9	Ciência ID	https://www.cienciavitae.pt/portal/941C-9055-10B6
10	AuthenticusID	https://www.authenticus.pt/R-00M-1MX
11	IEEE	https://ieeexplore.ieee.org/author/37086347975
12	eLibrary	https://elibrary.ru/author_profile.asp?id=1270756; **SPIN-код: 4033-5483**
National social networks		
1	CIVILICA	https://www.civilica.com/p/81349
2	Elmnet	https://elmnet.r/eid/D-0049-9495

Patents:

1. Z. Pezeshki, "Design and manufacture of SMM device for measuring soil moisture," Patented in Iran's Patent Office, Invention Registration Book No. : 43655, Declaration Registration Book No. : 38607054, Date Submitted and Protected : September 24, 2007

Refereed Journal Publications:

2. Z. Pezeshki & S.A.S. Ivari, "Applications of BIM: A Brief Review and Future Outline," *Archives of Computational Methods in Engineering*, Vol. 25, No. 2, pp. 273-312, 2018. https://doi.org/10.1007/s11831-016-9204-1
3. Z. Pezeshki, A. Soleimani, A. Darabi, and S.M. Mazinani, "Thermal transport in: Building materials," *Construction and Building Materials*, Vol. 181, pp. 238-252, 2018. https://doi.org/10.1016/j.conbuildmat.2018.05.230
4. Z. Pezeshki, H. Grailu, and A. Soleimani, "Thermal noise removal by wavelet method and thermal prediction with SVM and inverse wavelet method," *Research in computer science*, Vol. 10, pp. 1-18, 2018. https://rcsj.ir/user/articles/78
5. Z. Pezeshki, A. Soleimani, and A. Darabi, "Application of BEM and using BIM database for BEM: A review," *Journal of Building Engineering*, Vol. 23, pp. 1-17, 2019. https://doi.org/10.1016/j.jobe.2019.01.021
6. Z. Pezeshki & S.M. Mazinani, "Comparison of artificial neural networks, fuzzy logic and neuro fuzzy for predicting optimization of building thermal consumption: a survey," *Artificial Intelligence Review*, Vol. 52, No. 1, pp. 495-525, 2019. https://doi.org/10.1007/s10462-018-9630-6
7. Z. Pezeshki, S.M. Mazinani, and E. Omidvar, "Outdoor temperature estimation using ANFIS for soft sensors," *Journal of Autonomous Intelligence*, Vol. 2, No. 3, pp. 19-29, 2019. https://doi.org/10.32629/jai.v2i3.58

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8. Z. Pezeshki, A. Soleimani, and A. Darabi, "Taguchi method to determine the best location for cooling and heating appliances," *Proceedings of the Institution of Civil Engineers - Energy*, Vol. 173, No. 1, pp. 13-44, 2020. https://doi.org/10.1680/jener.18.00024

9. Z. Pezeshki, A. Darabi, and M. Moghiman, "BIM2BEM for room heating-cooling time estimation after turning on the HVAC systems," *IOP Conference Series Materials Science and Engineering*, Vol. 762, No. 012034, pp. 1-8, 2020. https://doi.org/10.1088/1757-899X/765/1/012034

10. Z. Pezeshki, "Design and simulation of High-Swing Fully Differential Telescopic Op-Amp," *Computer Science and Information Technologies*, Vol. 2, No. 2, pp. 49-57, 2021. https://doi.org/10.11591/csit.v2i2.p49-57

11. Z. Pezeshki, I. Sultanguzin, and A. Veresotskaya, "Develop A High-Quality CHP System Based on Pem Fuel Cells for Household Use," *Energy Systems*, Vol. 9, No. 2, pp. 61-72, 2024. https://doi.org/10.34031/es.2024.2.006

12. T.V. Tatsyuk, T. Tserendorj, I.A. Sultanguzin, Y.V. Yavorovsky, A.V. Govorin., and Z. Pezeshki, "The Efficiency of Solar Panels on The Façade and Roof of a Residential Building in The Moscow Region", *Energy Systems*, Vol. 9, No. 4, pp. 17-26, 2024. https://doi.org/10.34031/es.2024.4.002

13. A. Dalir, Z. Pezeshki, M. Ravanshadnia, E. Krinitsky, and I. Sultanguzin, "Automatic Monitoring in Construction Projects: Scientometric Analysis and Visualization of Research Activities," *Human-Centric Intelligent Systems*, Vol. 5, pp. 21-43, 2025. https://doi.org/10.1007/s44230-025-00089-3

Book Publications:

14. Z. Pezeshki, "Classification, Modeling, and Requirements for Separators in Rechargeable Batteries," Chapter 13, *in Rechargeable Batteries* (eds R. Boddula, Inamuddin, R. Pothu, and A.M. Asiri), Ed. 1, John Wiley and Sons, U.S., 2020, https://doi.org/10.1002/9781119714774.ch13

15. Z. Pezeshki & A. Zekry, *Semiconductor Materials and Modelling for Solar Cells*. Materials Research Foundations. 2021: Materials Research Forum LLC. https://doi.org/10.21741/9781644901434

16. Z. Pezeshki & A. Zekry, "State-of-the-art and prospective of solar cells," Chapter 14, *in Fundamentals of Solar Cells Design* (eds Inamuddin, M.I. Ahamed, R. Boddula, and M. Rezakazemi), Ed. 1, John Wiley and Sons, U.S., 2021, https://doi.org/10.1002/9781119725022.ch14

17. Z. Pezeshki, M. Younas, M. Rezakazemi, "Market Prospects of Membrane Contactors," Chapter 10*, in Membrane Contactor Technology - Water Treatment, Food Processing, Gas Separation, and CarbonCapture* (eds M Rezakazemi, and M Younas), Ed. 1, John Wiley and Sons, U.S., 2021, https://doi.org/10.1002/9783527831036.ch10

18. Z. Pezeshki & A. Kettab, "Desalination battery," Chapter 9, *in Sustainable Materials and System for Water Desalination*. *Advances in Science, Technology & Innovation (IEREK Interdisciplinary Series for Sustainable Development)* (eds Inamuddin and Anish Khan), Ed. 1, Springer, Switzerland, 2021. https://doi.org/10.1007/978-3-030-72873-1_9

19. Z. Pezeshki, M. Rezakazemi, A. Pezeshki "Microbes: Applications for Power Generation," Chapter 9, *in Application of Microbes in Environmental and Microbial Biotechnology* (eds Inamuddin, Ahamed, Mohd Imran, Prasad, Ram), Ed. 1, Springer, Singapore, 2021. https://doi.org/10.1007/978-981-16-2225-0_9

20. Zahra Pezeshki, Mohammad Younas, Zahra Heidari, Mashallah Rezakazemi "Polymer and its composites for water-splitting applications," Chapter 17, *in Polymers in Energy Conversion and Storage* (eds Inamuddin, Mohd Imran Ahamed, Rajender Boddula, Tariq A. Altalhi), Ed. 1, Taylor & Francis, 2022. https://doi.org/10.1201/9781003169727-17.

21. Zahra Pezeshki, Eugene Krinitsky, M. Reza Hosseini, Igor Martek, Sayyed Majid Mazinani, "Mathematical Algorithms Supporting the Optimization of Topical Aspects of Project Management," Chapter 64, *in Encyclopedia of Information Science and Technology, Sixth Edition* (eds Mehdi Khosrow-Pour), Ed. 6, IGI global, 2024. https://doi.org/10.4018/978-1-6684-7366-5.ch064.

Refereed Conference Publications:

22. Z. Pezeshki, A. Soleimani and A. Darabi, "GA-FBHCL: A method for the best HVAC location*," *2020 Zooming Innovation in Consumer Technologies Conference (ZINC)*, Novi Sad, Serbia, 2020, pp. 93-98, http://doi.org/10.1109/ZINC50678.2020.9161819

23. Z. Pezeshki, A. Soleimani and A. Darabi, "3Ds MAX to FEM for building thermal distribution: A case study," *2017 3rd Iranian Conference on Intelligent Systems and Signal Processing (ICSPIS)*, Shahrood, Iran, 2017, pp. 110-115, https://doi.org/10.1109/ICSPIS.2017.8311599

24. Z. Pezeshki & S.M. Mazinani, "DETERMINE COOLING CAPACITY FOR SETTING UP THE CHILLER by calculating ambient temperature," *The International Conference in New Research of Electrical Engineering and Computer Science*, Nikan High Education institute, Tehran, Iran, 2015, pp. 1-13, https://doi.org/10.13140/RG.2.2.29837.95201

25. Z. Pezeshki, E. Omidvar, and S.M. Mazinani, "Outdoor temperature estimation using Neuro Fuzzy in thermal sensor," *National Conference of Technology, Energy & Data on Electrical & Computer Engineering*, Iranian Association of Electrical and Electronics Engineers (IAEEE), Kermanschah, Iran, 2015, pp. 1-8, https://doi.org/10.13140/RG.2.2.30428.08326

26. Z. Pezeshki, S.M. Mazinani, and E. Omidvar, "*The design of 3D sensor using Neuro Fuzzy for energy disaster management of building HVAC systems*," 6th International Conference on Integrated National Disaster Management (INDM), Mashhad, Iran, 2015, pp. 1-8, https://doi.org/10.13140/RG.2.2.29757.97767

27. Z. Pezeshki & S.M. Mazinani, "Building Energy Saving by Design of CRTF Smart Board," *4th Emerging Trends in Energy Conservation (ETEC)*, Amirkabir University of Technology, Tehran, Iran, 2015, pp. 1-17, https://doi.org/10.13140/RG.2.2.10267.57125

28. E. Omidvar, Z. Pezeshki, and S.M. Mazinani, "Description and comparison of the performance of fuzzy, Neuro fuzzy and Adaptive Neuro fuzzy controller thermal sensor in HVAC systems," *9th Symposium on Advances in Science & Technology*, Khavaran University, Mashhad, Iran, 2015, pp. 1-9, https://doi.org/10.13140/RG.2.2.32525.23527

29. Z. Pezeshki & S.M. Mazinani, "Automatic room temperature control by designing ANFIS controller," *3rd National Conference of Construction Innovative Technologies*, Mashhad, Iran, 2014, pp. 1-15, https://doi.org/10.13140/RG.2.2.25817.62564

30. Z. Pezeshki & S.M. Mazinani, "Comparison of artificial neural networks, fuzzy logic and neuro fuzzy for predicting optimization of building thermal information," *14th Iranian Conference on Fuzzy Systems, Sahand University of Technology*, Tabriz, Iran, 2014, pp. 629-639, https://doi.org/10.13140/RG.2.2.21883.41766

31. Z. Pezeshki, "Organizational communication and conflict management," *2nd Iranian Accounting & Management Conference*, Tehran, Iran, 2014, pp. 1-15, https://civilica.com/doc/420328/

32. A.H. Dalir, M. Ravanshadnia, & Z. Pezeshki, "A Comparative Study of Smart Building Information Modeling Contracts and Conventional Contracts in the Construction Industry: A Practical Guide with Coding Examples," *4th International Law Conference*, Khajeh Nasir Toosi University of Technology, Tehran, Iran, 2024, https://civilica.com/doc/1933784/

33. A.H. Dalir, M. Ravanshadnia, & Z. Pezeshki, "A Framework and Methods for BIM Contract Management and Monitoring," *4th International Law Conference*, Khajeh Nasir Toosi University of Technology, Tehran, Iran, 2024, https://civilica.com/doc/1933763/

34. A.H. Dalir, A. Moradi Pasand, Z. Pezeshki, H. Kamran Kasmai, & M. Jafari Fesharaki, "Data-Oriented Predictive Maintenance for Museum Buildings: A Case Study of Hamedan's Sacred Defense Museum Garden Using Digital Twins," *2nd International Conference on Civil Engineering; New and Practical Findings*, Shiraz University, Shiraz, Iran, 2024, https://civilica.com/doc/1950444/

35. A.H. Dalir, F. Saeedi, & Z. Pezeshki, "Automatic monitoring and controlling of the key success factors of the project Construction based on deep learning and machine vision," *2nd International Conference on Civil Engineering; New and Practical Findings*, Shiraz University, Shiraz, Iran, 2024, https://civilica.com/doc/1950446/

36. A.H. Dalir, F. Saeedi, A. Moradi Pasand, & Z. Pezeshki, "Predictive Risk Assessment in Construction with AI and Digital Twins," *The conference on the promotion of Iranian and Islamic identity in architecture, urban planning and management of construction projects in the modern era*, Kharazmi University, Tehran, Iran, 2024, https://civilica.com/doc/2133840

37. A.H. Dalir, F. Saeedi, A. Moradi Pasand, & Z. Pezeshki, "Towards AI-Powered Strategic Management in Construction: A Multi-faceted Investigation of BIM and Digital Twins Integration," *1st international conference on information technology, management and computer*, Adib University of Sari, Sari, Mazandaran, Iran, 2024, https://civilica.com/doc/2084376

38. S. Dalir, A.H. Dalir, & Z. Pezeshki, "Claims and Disputes in Construction: The Role of BIM Contracts in Arbitration and Resolution," *The 3rd International Conference on the Development of Emerging Technologies in Civil Engineering and Architecture*, Babol Noshirvani University of Technology, Babol, Mazandaran, Iran, 2025

39. З. Пезешли, "РАСЧЁТ ГИБРИДНОГО АВТОНОМНОГО ЭНЕРГОКМПЛЕКСА С ВОДОРОДНЫМ ЦИКЛОМ НАКОПЛЕНИЯ ЭНЕРГИИ," *XXXI Международной научно-технической конференции студентов и аспирантов «Радиоэлектроника, электротехника и энергетика»*, Национальный исследовательский университет "МЭИ", Москва, РФ, 13-15 марта 2025 года. https://www.elibrary.ru/item.asp?id=80624459

40. Z, Pezeshki, I. Sultanguzin, Y. Yavorovsky, and A. Veresotskaya, "Design and Calculation of the Autonomous Hybrid Energy Complex in a Grid-Scale Hydrogen Energy Storage," *7th International Youth Conference on Radio Electronics, Electrical and Power Engineering (REEPE)*, National Research University "MPEI", Moscow, Russia, 2025. https://doi.org/10.1109/REEPE63962.2025.10970836

Reviewer Board

https://publons.com/researcher/1458946/zahra-pezeshki/

https://www.webofscience.com/wos/author/record/1006021

EDAS identifier: 1675486

Editorial Board member: (from December 2019 – Present)

Journal	Publishing
1. SCIREA Journal of Mechanics 2. SCIREA Journal of Computer	SCIREA publishing
Journal of Building Material Science	Bilingual publishing
Journal of Autonomous Intelligence	Frontier Scientific Publishing
Journal of World Architecture	Biq-Byword publishing
Journal of Computer Hardware Engineering	Enpress publishing
Signal and Information Processing	Whioce Publishing
International Journal of Electrical and Electronics	SvedbergOpen Publishing
International Journal of Applied Power Engineering (IJAPE)	Other Publications
International Journal of Architectural Engineering Technology	Avanti Publisher

Journal Reviewer:

Journal	Publishing	Date	
		From	to
Proceedings of the Institution of Civil Engineers: Municipal Engineer	ICE publishing	May 2018	April 2020
1. Remote Sensing 2. Buildings	MDPI	July 2024	April 2025
1. Journal of Building Engineering 2. Sustainable Cities and Society 3. Automation in Construction 4. Energy and Buildings 5. Heliyon 6. Developments in the Built Environment	Elsevier	April 2019	May 2025
1. Engineering with Computers 2. Discover Data	Springer Nature	April 2020	April 2025
Journal of Daylighting	Solarlits	November 2019	October 2020
1. Bulletin of Electrical Engineering and Informatics (BEEI) 2. TELKOMNIKA (Telecommunication, Computing, Electronics and Control) 3. Journal of Education and Learning (EduLearn)	Universitas Ahmad Dahlan	January 2020	April 2025
International Journal of Computing and Digital Systems (IJCDS)	University of Bahrain	February 2022	April 2022
COJ Robotics & Artificial Intelligence (COJRA)	Crismon Publishers	March 2020	March 2020

1. Journal of Soft Computing in Civil Engineering 2. Computational Engineering and Physical Modeling (CEPM)	Puyan Press	May 2020	November 2024
Advances in Civil Engineering	Hindawi Publishing	July 2020	September 2020
The Open Civil Engineering Journal	BenthamOpen	November 2019	February 2020
Journal of Building Construction and Planning Research (JBCPR)	Scientific Research Publishing, Inc. USA	December 2020	January 2025
1. International Journal of Big Data Intelligence and Applications (IJBDIA) 2. Journal of Technological Advancements (JTA) 3. International Journal of Artificial Intelligence and Machine Learning (IJAIML) 4. International Journal of Information System Modeling and Design (IJISMD)	IGI Global publishing	August 2021	May 2025
1. Environmental Research Letters 2. Environmental Research Communications 3. Engineering Research Express 4. Physica Scripta 5. Environmental Research: Infrastructure and Sustainability 6. Environmental Research: Energy 7. Measurement Science and Technology 8. Progress in Energy	IOP Publishing	January 2021	May 2025
Building Engineering	Academic Publishing Pte. Ltd	August 2024	September 2024
Indexed by CNKI, Google Scholar, Scilit: 1. Journal of World Architecture 2. Journal of Engineering Research and Reports *Indexed by Google Scholar, Scilit:* 1. Computer Science and Information Technologies (CSIT) *Indexed by Scopus:* 1. Journal of Building Material Science 2. Journal of Autonomous Intelligence 3. IAES International Journal of Robotics and Automation (IJRA) 4. International Journal of Electrical and Computer Engineering (IJECE) 5. IAES International Journal of Artificial Intelligence (IJ-AI) 6. International Journal of Power Electronics and Drive Systems (IJPEDS) 7. Indonesian Journal of Electrical Engineering and Computer Science (IJEECS) 8. International Journal of Informatics and Communication Technology (IJ-ICT) 9. International Journal of Applied Power Engineering (IJAPE)	Other Publications	January 2018	January 2025

10. International Journal of Advances in Applied Sciences (IJAAS) 11. International Journal of Educational Policy Research and Review (IJEPRR)			
Indexed by Google Scholar, Scilit: 1. Academia Letters	Academia	May 2021	May 2022
Journal of Modern Green Energy	Innovation Forever Publishing Group	June 2022	July 2022
Energy Engineering	Tech Science Press	November 2022	December 2022
Journal of Data Science and Intelligent Systems (IJSIS)	Bon View Publishing Pte Ltd	April 2023	August 2023
Journal of Engineering Research and Reports	SCIENCEDOMAIN INTERNATIONAL	April 2024	April 2024
Building Engineering	Academic Publishing	August 2024	September 2024

Conference Reviewer: (from December 2019 – May 2025)

IEEE conferences:
1. IEEE ICTS4eHealth 2019, 2020, 2021, 2022, 2023, 2024, 2025
2. IEEE Symposium on Computers and Communications (ISCC 2020, 2022)
3. IEEE International Conference on Machine Learning and Applications (ICMLA 2020, 2021)
4. 7th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2020)
5. IEEE Global Communications Conference (GLOBECOM 2020, 2021)
6. International Conference on Power Electronics and Renewable Energy Applications - 2020 (PEREA 2020)
7. IEEE International Conference on Power Electronics, Drives and Energy Systems Conference (PEDES 2020, 2022, 2024)
8. International Conference on Innovation and Intelligence for Informatics, Computing, and Technologies (3ICT 2020, 2021, 2022)
9. International Conference on Decision Aid Sciences and Applications (DASA'20, 2021, 2022, 2023, 2024)
10. International Conference on Data Analytics for Business and Industry (DATA'20, 2021, 2022, 2023)
11. International Conference on Sustainability and Resilience (SRC'20, 21, 24)
12. 2020 IEEE Recent Advances in Intelligent Computational Systems (RAICS)
13. International Conference on Image Information Processing (ICIIP 2019, 2021)
14. Sustainability and Resilience Conference (SRC'21, 22, 24)
15. International Conference on Sustainable Islamic Business and Finance (SIBF'21, 22, 24)
16. ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETSIS 2022, 2023, 2024)
17. 2022 International Conference on Electrical, Control and Instrumentation engineering (ICECIE)
18. IEEE International Conference on Electrical, Computer, Communications and Mechatronics Engineering (ICECCME 2022, 2023, 2024)
19. International Conference on Electrical and Information Technology (IEIT 2022, 2023, 2024)
20. International Conference on Cyber Management and Engineering (CyMaEn 2022, 2023)
21. 2023 International Conference on Mechanical, Automotive and Mechatronics Engineering (ICMME)
22. International Conference on Sustaining Heritage: Innovative and Digital Approaches (ICSH'23, 24)
23. IEEE International Conference on Electrical, Computer, and Energy Technologies (ICECET'23, 24, 25)
24. 2023 IEEE International Conference on Power Electronics, Smart Grid, and Renewable Energy (PESGRE 2023)
25. The 42nd IEEE International Conference on Consumer Electronics (ICCE 2024)

26. International Conference on Artificial Intelligence, Computer, Data Sciences and Applications (ACDSA 2023, 2024, 2025)

27. 10th International Workshop on Mobile Applications 2024 (MobiApps 2024)

28. International Seminar on Intelligent Technology and Its Applications (ISITIA 2024, 2025)

29. 2024 International Conference of the African Federation of Operational Research Societies (AFROS)

30. 2024 International Conference on Electrical and Computer Engineering Researches (ICECER 2024)

31. International Conference on Gender and Technology (GTC 2024, 2025)

32. IEEE Conference on Technologies for Sustainability (SusTech 2024, 2025)

33. The 8th International Conference on Information Communication and Signal Processing (ICICSP 2025)

34. International Conference on Artificial Intelligence and Emerging Technologies (ICAIET 2025)

Springer conferences:

1. International Conference on Artificial Intelligence and Data Science (ICAIDS 2022, 2023)

2. International Conference on Advances in Computing and Data Sciences (ICACDS 2022, 2023)

ACM conferences:

1. The 4th International Conference on Computer Science and Application Engineering (CSAE 2020)

IOP Conferences:

1. The 2nd International Conference on Numerical Modelling in Engineering (NME 2019)

2. 1st International Conference on Metals and Alloys (CMA 2019)

3. The 7th International Conference on Agricultural and Biological Sciences (ABS 2021)

4. 6th International Conference on Mechanical, Electric and Industrial Engineering (MEIE 2023)

Other Conferences:

1. The 2nd International Conference on Material Strength and Applied Mechanics (MSAM 2019)

2. 2nd International Conference and Workshop Telecommunication, Computing, Electrical, Electronics and Control (ICW-TELKOMNIKA 2019)

3. The Global Conference on Materials Science and Engineering (CMSE 2019, 2020, 2024)

4. International Conference on Machine Learning & Applications (CMLA 2020, 2021, 2022, 2024, 2025)

5. The 5th International Conference on Energy Engineering and Environmental Protection (EEEP 2020)

6. 2020 International Conference on Energy Material and Energy Technology (EMET 2020)

7. International Conference on Emerging Trends in Engineering, Science and Technology (ICETEST 2020)

8. The 6th International Conference On e-Learning (ECONF20)

9. International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA 2022, 2023)

10. International Conference on NLP, Data Mining and Machine Learning (NLDML 2022, 2023, 2024)

11. International Conference on Artificial Intelligence and Machine Learning (CAIML 2022, 2023)

12. International Conference on Computing and Information Technology Trends (CCITT 2022, 2023)

13. International Conference IOT, Blockchain and Cryptography (IOTBC 2022, 2023)

14. 4th International Conference on Cloud, Big Data and IoT (CBIoT 2023)

15. International Conference on Artificial Intelligence and IoT (AIIoT 2023)

16. International Conference on NLP, AI & Information Retrieval (NLAII 2023)

17. International Conference on AI, Data Mining and Data Science (AIDD 2023)

18. International Conference on Education & Integrating Technology (EDIT 2023)

19. 4th International Conference on Machine Learning Techniques and Data Science (MLDS 2023)

20. International Conference on NLP & AI (NLPAI 2023, 2024)

21. International Conference on Machine Learning, IOT and Blockchain (MLIOB 2023, 2024)

22. 5th International conference on Advanced Natural Language Processing (AdNLP 2024)

23. 5th International Conference on NLP & Information Retrieval (NLPI 2024)

24. 5th International Conference on Soft Computing, Artificial Intelligence and Machine Learning (SAIM 2024)

25. International Conference on Foundations of Computer Science & Technology (FCST 2024, 2025)

26. 5th International Conference on Machine Learning & Trends (MLT 2024)

27. 4th International Conference on NLP & Data Mining (NLDM 2024)

28. 3rd International Conference on NLP and Machine Learning Trends (NLMLT 2024)

29. International Conference on Cloud and Internet of Things (ICCIoT 2024, 2025)

30. 11th International Conference on Artificial Intelligence & Applications (ARIA 2024)
31. 10th International Conference on Software Engineering and Applications (SOFEA 2024)
32. International Conference on Computer Science, Engineering and Information Technology (CCSEIT 2024, 2025)
33. International Conference on the Leadership and Management of Projects in the Digital Age (ICLAMP 2025)
34. 16th International Conference on Database Management Systems (DMS 2025)
35. 4th International Conference on Artificial Intelligence Advances (AIAD 2025)

Book Reviewer: (from September 2022 – November 2022)

Book	Publishing	Date	
		From	to
Encyclopedia of Information Science and Technology, 6th Edition	IGI Global publishing	September 2022	November 2022

Technical Committee

IEEE:

2019, IEEE ICTS4eHealth 2019

2019, Fifth International Conference on Image Information Processing (ICIIP -2019)

2020, 7th International Conference on Electrical Engineering, Computer Science and Informatics (EECSI 2020)

2020, IEEE Global Communications Conference (GLOBECOM)

2020, IEEE Recent Advances in Intelligent Computational Systems (RAICS)

2021, IEEE ICTS4eHealth 2021

2021, Sixth International Conference on Image Information Processing (ICIIP -2021)

2022, IEEE ICTS4eHealth 2022

2023, IEEE ICTS4eHealth 2023

2023 International Conference on Computational Intelligence and Communication System (CCICS 2023)

2024, IEEE ICTS4eHealth 2024

2024, The 2nd INTERNATIONAL CONFERENCE ON SUSTAINING HERITAGE (ICSH 2024)

2025, 12th IEEE Conference on Technologies for Sustainability (SusTech 2025)

Other Conferences:

2020, International Conference on Clean Energy, Systems and Smart Applications (CESA20)

2021, International Conference on Machine Learning & Applications (CMLA 2021)

2021, 3rd International Conference and Workshop Telecommunication, Computing, Electrical, Electronics and Control (ICW-TELKOMNIKA 2021)

2022, International Conference on Artificial Intelligence and Data Science (ICAIDS)

2022, 6th International Conference on Advances in Computing and Data Sciences (ICACDS)

2022, 5th International Conference on Computer Applications and Information Security (ICCAIS)

2022, International Conference on Machine Learning, NLP and Data Mining (MLDA)

2022, 12th International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA 2022)

2023, 2nd International Conference on Computing and Information Technology Trends (CCITT 2023)

2023, 2nd International Conference on NLP, Data Mining and Machine Learning (NLDML 2023)

2023, 4th International Conference on Artificial Intelligence and Machine Learning (CAIML 2023)

2023, International Conference IOT, Blockchain and Cryptography (IOTBC 2022, 2023)

2023, International Conference on Intelligent Systems and Human-Computer Interaction (ISHCI2023)

2023, International Conference on Artificial Intelligence and IoT (AIIoT 2023)

2023, 3rd International Conference on Frontiers of Electrical Power & Energy Systems (EPES 2023)

2023, International Conference on AI, Data Mining and Data Science (AIDD 2023)

2023, International Conference on NLP, AI & Information Retrieval (NLAII 2023)

2023, 4th International Conference on Machine Learning Techniques and Data Science (MLDS 2023)

2023, 13th International Conference on Artificial Intelligence, Soft Computing and Applications (AIAA 2023)

2024, 3rd International Conference on NLP, Data Mining and Machine Learning (NLDML 2024)

2024, 5th International Conference on Machine Learning, IOT and Blockchain (MLIOB 2024)

2024, 5th International Conference on Soft Computing, Artificial Intelligence and Machine Learning (SAIM 2024)

2024, 5th International conference on Advanced Natural Language Processing (AdNLP 2024)

2024, 2nd International Conference on Computer Science, Engineering and Artificial Intelligence (CSEAI 2024)

2024, 10th International Conference on Software Engineering (SOENG 2024)

2024, 12th International Conference on Foundations of Computer Science & Technology (FCST 2024)

2024, 6th International Conference on Artificial Intelligence and Machine Learning (CAIML 2024)

2024, 5th International Conference on Machine Learning & Trends (MLT 2024)

2024, 2nd International Conference on Fundamental, Applied Sciences and Technology (ICoFAST 2024)

2024, 4th International Conference on NLP & Data Mining (NLDM 2024)

2024, 3rd International Conference on NLP and Machine Learning Trends (NLMLT 2024)

2024, 4th International Conference on Frontiers of Electrical Power & Energy Systems (EPES 2024)

2024, 10th International Conference on Computer Science and Information Technology (CSTY 2024)

2024, 13th International Conference on Advanced Information Technologies and Applications (ICAITA 2024)
2024, 11th International Conference on Artificial Intelligence & Applications (ARIA 2024)
2025, 6th International Conference on Cloud and Internet of Things (ICCIoT 2025)
2025, 15th International Conference on Computer Science, Engineering and Information Technology (CCSEIT 2025)
2025, 10th International Conference on Software Engineering and Applications (SOFEA 2024)
2025, 7th International Conference on Machine Learning & Applications (CMLA 2025)
2025, 13th International Conference on Foundations of Computer Science & Technology (FCST 2025)
2025, 16th International Conference on Database Management Systems (DMS 2025)
2025, 4th International Conference on Artificial Intelligence Advances (AIAD 2025)

Research Proposal

Winning proposal: Construction of Thermal Simulation Tool for Building and Use it through the Building Information Modeling (BIM) Platform, Iran Construction Engineering Organization (IRCEO), Razavi Khorasan, Mashhad, Iran.

Thesis Proposal: Energy modeling for estimation of indoor temperature of the building based on the BIM platform, Faculty of Electrical and Robotics Engineering, Shahrood University of Technology, Shahrood, Semnan, Iran.

Member

Organization	Role	Membership number	Date
Institute of Electrical and Electronics Engineers (IEEE): 1. IEEE Council on RFID: http://www.ieee-rfid.org 2. IEEE Biometrics Council http://www.ieee-biometrics.org/	Member	93167364	2019-present
International Association of Engineers (IAENG): http://www.iaeng.org	Member	256813	2020-present
CIB, International Council for Research and Innovation in Building and Construction: https://cibworld.org/	Individual Member of CIB Commissions	3805	2021-present
Iran Construction Engineering Organization (IRCEO): http://www.nezammohandesi.ir/	Electrical Design Engineer	195316833	2012-present
Iranian Researchers Network: http://irangn.ir/profile.php?mid=3271	Researcher	983082000024	2014-present
Iranian Press Home: http://khanehmatbooat.ir/Membership/	Journalist & Reporter	3426	2015-present
Iranian Journalists and Reporters Association: http://www.anjomannews.ir/Form/?Page=AboutUs	Journalist		2012-present
Honar Credit Fund https://honarcredit.ir/	Journalist	16910316	2012-present
International Chess Federation: https://www.fide.com/	Player	22540571	2014-present
Chess Federation of Islamic Republic of Iran: https://ircf.ir/	Referee	28596	2014-present
Iran's National Elites Foundation: www.bmn.ir	Inventor		2007-present

Workshops

No.	Location	Workshop name	Workshop time	Date
1	Iranian Accounting & Management Conference (ACCfin2014), Tehran, Iran	Financial Audit Reporting	9 hours	2014
		Auditing Software		
		Consolidated Financial Statements		
		Accounting Standards & Financial Statements		
		Principles of Negotiation Techniques		
		Stress & Time Management		
		Web Applications with R&D Approach		
		Customer Relationship Management		
2	Shahrood University of Technology, Department of Cultural and Social Affairs, Shahrood, Iran	Publications	14 hours	11/12/2016
3	Satavand Pazh Consulting Engineering JSC	Autodesk Revit 2017	5 hours	07/31/2017
4	Tehran University, Tehran	International Conference on Electrical Engineering and Computer Science finds new research	9 hours	09/2015
5	Ferdowsi University of Mashhad, Mashhad, Iran	Shahrgh Barsava Automation Company's oneday seminar on Specialized PLC with cooperation of the experts from the representative agency of Siemens GmbH in Iran	1 day	04/2003
6	5th National Exhibition of Intelligent Systems, Ferdowsi University of Mashhad, Mashhad, Iran	Shahrgh Barsava Automation Co.'s stand	24 hours	11/13/2003
7	KIAEEE (Khorasan Iranian Association of Electrical and Electronics Engineers), Mashhad, Iran	NET 2014: New Energy Technologies	16 hours	06/2014
8	Sahand University of Technology, Tabriz, Iran	14th Iranian Conference on Fuzzy Systems	3 days	08/2014
	Association of Construction Innovative Technologies (ACIT), Mashhad, Iran	The 3rd National Conference of Construction Innovative Technologies	16 hours	09/2014
9	Integrated National Disaster Management (INDM), UN Disarmament Demobilization and Reintegration (UNDDR), GRF Global Risk Forum (GRF Davos), Mashhad, Iran	6th International Conference on Integrated National Disaster Management	16 hours	02/2015
10	Ferdowsi University of Mashhad, Mashhad, Iran	Familiarity with teaching methods	16 hours	2019

		Educational design and technology		
		Educational assessment and evaluation		
		Educational Psychology		

Professional Skill Certificates

Courses:

Certificate name	Course	Issuing organization	Grade	Course time	Date
Engineering:					
Certification of Completion	Altium Designer	Maktabkhooneh	77.8 out of 100	20 hours	2022
EnerTracks Training: Module 4	Future trends in power sector	Renewables Academy (RENAC)	100 out of 100	55 hours	18/01/2021-08/07/2021
Certificate of attendance	COBENEFITS Methodology and energy planning	Renewables Academy (RENAC)	100 out of 100	80 hours	15/04/2021-12/07/2021
EnerTracks Training: Module 3	Technical requirements for energy transition	Renewables Academy (RENAC)	100 out of 100	70 hours	18/01/2021-03/06/2021
Certificate of Participation	Computer programming	GUVI Geek Networks, IITM Research Park	-	24 hours	24/04/2021-25/04/2021
EnerTracks Training: Module 2	Energy Policies for a Successful Energy	Renewables Academy (RENAC)	97.5 out of 100	40 hours	18/01/2021-8/04/2021
EnerTracks Training: Module 1	Introduction to Power Systems	Renewables Academy (RENAC)	92.08 out of 100	40 hours	18/01/2021-5/03/2021
Certificate of attendance	COBENEFITS Policies	Renewables Academy (RENAC)	84.11 out of 100	16 weeks	17/12/2020-11/04/2021
Certificate of attendance	COBENEFITS Fundamentals	Renewables Academy (RENAC)	100 out of 100	9 weeks	15/10/2020-20/12/2020
Certificate of Completion of Training Course	Advanced Training of COMSOL Multiphysics software	Mashhad-System School	Very good	30 hours	12/2017
Certificate of Training Course	Certificate of Training course on modern building materials and building installations	Ministry of Industry, Mine and Trade of Iran	-	12 hours	08/2017
Certificate of Completion of Training Course	Advanced Training of REVIT Software	Iran Construction Engineering Organization (IRCEO)	95 out of 100	70 hours	2017
Certificate	REVIT Architecture	Satavand Paj Consulting Engineerings JSC	Very good	30 hours	2017
Certificate of Completion of Training Course	Certificate of NTCEM	Iran Energy Efficiency Organization(SABA)-Since 2017 SABA	-	24 hours	05/2014

		has been merged in SATBA			
Certificate of Completion of Training Course	Retraining National Building Regulations	Iran Construction Engineering Organization (IRCEO)	-	100 hours	2013
Certificate of Short Term Training	Design and calculation of electrical plans	The Engineers' Basij Organization	-	6 hours	2013
Certificate of Completion of Training Course	Certificate of Completion of Training Course of Microcontroller 8051	Iran Ministry of Science, Research and Technology	Good	24 hours	2003
Certificate	Introduction to hardware and software of Microcontrollers	Shargh Automation, Engineering Services Cooperative Co.	-	24 hours	2003
Certificate of Completion of Training Course	Certificate of Completion of Training Course of Protel 99 SE	Iran Ministry of Science, Research and Technology	Excellent	25 hours	2003
Certificate of Completion	Certificate of Completion of a Training Course on Visual C++	Pardaz Gostar Co.	85 out of 100	-	2003
Technical and Vocational Skill Certificate	Training Course of Internet	Training Course of Computer-assisted Typing (WinWord)	85 out of 100	40 hours	10/2002
Technical and Vocational Skill Certificate	Training Course of Computer-assisted Typing (WinWord)	Training Course of Computer-assisted Typing (WinWord)	90 out of 100	40 hours	08/2002
Technical and Vocational Skill Certificate	Technical and Vocational Skill Certificate; Training Course of Computer Operating (Familiarity with PC Technology 1)	Iran Technical & Vocational Training Organization	practical	80 out of 100	160 hours	2002
			Theoretical	92 out of 100		
Technical and Vocational Skill Certificate	Technical and Vocational Skill Certificate; Training Course of Computer Operating (Familiarity with PC Technology 2)	Iran Technical & Vocational Training Organization	practical	73 out of 100	80 hours	2002
			Theoretical	58 out of 100		
Journalism:					
Certificate of Completion of Training Course	Training of Journalism	Iran Ministry of Culture and Islamic Guidance; Department of	18 out of 20	60 hours	12/2017

		Media Studies & Planning			
Dressmaking:					
Technical and Vocational Skill Certificate	Dressmaking (Evening Dress and Bridal Gown)	Iran Technical & Vocational Training Organization	77.25 out of 100	271 hours	2010
Technical and Vocational Skill Certificate	Making Men's and Women's Shirts	Iran Technical & Vocational Training Organization	75.12 out of 100	156 hours	2010
Technical and Vocational Skill Certificate	Sequin and Beads Embroidery	Iran Technical & Vocational Training Organization	78 out of 100	75 hours	2010
Technical and Vocational Skill Certificate	Pattern Drafting and Dress Cutting	Iran Technical & Vocational Training Organization	91.6 out of 100	405 hours	2009
Technical and Vocational Skill Certificate	Fine Fabric Tailoring	Iran Technical & Vocational Training Organization	practical: 87 out of 100; Theoretical: 64 out of 100	662 hours	2005
Enterpreneurship:					
Technical and Vocational Skill Certificate	Skill Certificate (Know About Business Enterpreneurship (KAB), introductory level)	Iran Technical & Vocational Training Organization	82.25 out of 20	50 hours	2010

Teaching Certificates:

Certificate name	Course	Issuing organization	Grade	Course time	Date
Certificate of Completion of Professional Skill Enhancement Course	Computer-Based Teaching (CBT) Methods	Iran Technical & Vocational Training Organization	Very good	30 hours	04/2012
Certificate of Teaching	Matlab	Ferdowsi University of Mashhad	-	22 hours	2007

Licenses:

License	Issuing organization	Date
Instructor's License of Electrical Heating and Rotary Home Appliances Repairs: Grade 1 & Grade 2	Iran Technical & Vocational Training Organization	09/2012
Instructor's License of ICDL: Grade 1 & Grade 2	Iran Technical & Vocational Training Organization	09/2012
Second-Class Driving Licence	Iran police department	2002

Webinars:

Certificate name	Issuing organization	Date
Disinfecting Water – The Right Way CPD Certified	GRUNDFOS	11/2020
Distributed Pumping in Chilled Water Systems CPD Certified	GRUNDFOS	11/2020

Publishing 101: Engineering Books	Springer Nature	11/2020
Artificial Intelligence models for Solar Energy Applications	IEEE IA/IE/PELS Jt. Chapter Kerala Section	08/2020

Impedance Analysis: Measuring Low and Fast	IEEE	06/2020
Simulating the Heating of Tissue with Ultrasonic Surgical Devices Using Multiphysics Modeling	IEEE	10/2019
Latest Digital-to-Analog Converter Development at Teledyne e2v: 12-bit 8 GSps Enabling Signal Generation up to the K-Band	IEEE	09/2019
Power Infrastructure Mixing AC and DC Loads	IEEE	09/2019
Simulating a Medical Device Interaction with a Biological System	IEEE	08/2019
Beginning Europe's Infrastructure-to-Vehicle (I2V) Roll-Out	IEEE	05/2019
Modeling Nanophotonics-Enabled Solar Membrane Distillation	IEEE	05/2019
Modeling Vacuum Systems for Particle Accelerators	IEEE	04/2019
Confidence in Quality: Ensure Your Product Is Ready for Market	IEEE	02/2019
Tips for Developing a Distributed Autonomous Test Framework	IEEE	02/2019
Flash DSC (Differential Scanning Calorimetry) Revolutionizes Rapid-Scanning DSC	IEEE	01/2019
Qormino(R), a Small, Powerful & Packaged Common Computer Platform	IEEE	01/2019
Modeling Light-Matter Interactions for Photonics Applications	IEEE	12/2018
Reveal Hidden Structures in Data	IEEE	12/2018
Simulation of Ultrasonic Borehole Imaging & Flow Measurement	IEEE	12/2018
Mastering Noise Figure Measurements	IEEE	11/2018
Power Integrity Troubleshooting Techniques	IEEE	11/2018
Signal Integrity Measurements with Network Analyzer	IEEE	11/2018
Fully Coupled Internal Space Charging Simulations with EMA3D-Internal	IEEE	10/2018
Magnetic Transmission Design Using Multiphysics Modeling	IEEE	10/2018
The Current State of Power Electronics	IEEE	10/2018
Broadband ADC with X-point switch Unparalleled Flexibility in Multi-channel RF applications	IEEE	09/2018
Designing & Debugging RTOS Based IoT Applications	IEEE	09/2018
Power the Small Cells to Prepare for 5G	IEEE	09/2018
System Simulation and Control: Improve the Overall Performance of your Mechatronic Systems using Altair Activate™	IEEE	09/2018
Time-domain Simulation of Electro-mechanical Sensors and Systems	IEEE	09/2018
Modeling the Etching of Nanostructures	IEEE Educational Activities Certificates	08/2018
Cyber Security in the Connected World	IEEE Educational Activities Certificates	06/2018
Deploying Resilient Network Architectures for the IIoT	IEEE Educational Activities Certificates	06/2018
Design Faster, Reduce Costs, and Speed up Time to Market Leverage the Power of Simulation-Driven Design	IEEE Educational Activities Certificates	06/2018

How to optimize filter designs for 5G mobile front-ends	IEEE Educational Activities Certificates	06/2018
Optimal Design of Electrical Machines and Drives for HEV and EV	IEEE Educational Activities Certificates	06/2018
Preparing transformers for the Internet of Energy – with Sensformer	IEEE Educational Activities Certificates	06/2018
Simulating a Medical Device Interaction with a Biological System	IEEE Educational Activities Certificates	06/2018
Testing and Simulation to Achieve FAA Certification of Aircraft Fuel Tanks to Lightning	IEEE Educational Activities Certificates	06/2018
Industrializing Additive Manufacturing for Electronics through an Integrated, End-to-End Process	IEEE Educational Activities Certificates	05/2018
Wafer-Level Low Frequency Noise Measurement Challenges and Solutions	IEEE Educational Activities Certificates	05/2018
Wireless Interoperability in IoT	IEEE Educational Activities Certificates	05/2018
Piezoelectric Thermal-Structural Modeling	IEEE Educational Activities Certificates	04/2018
Elsevier: https://researcheracademy.elsevier.com/profile		
Fundamentals of peer review		
Building trust and engagement in peer review	Elsevier Researcher Academy	1/21/2021
Book writing		
Why write a book?	Elsevier Researcher Academy	08/07/2020
Research collaborations		
How to produce highly visible research: Useful tips for researchers	Elsevier Researcher Academy	04/21/2020
Ethics		
Detecting image manipulation: routines, tools & limitations	Elsevier Researcher Academy	03/14/2020
Working skills		
Writing a persuasive cover letter for your manuscript	Elsevier Researcher Academy	03/14/2020
Research data management		
How to conduct evidence-based research	Elsevier Researcher Academy	03/14/2020
Social impact		
How to create impact with patient and public involvement	Elsevier Researcher Academy	08/30/2019
How to write for an interdisciplinary audience	Elsevier Researcher Academy	07/30/2019
How to write a lay summary	Elsevier Researcher Academy	05/04/2019
Technical writing skills		
Systematic reviews 101	Elsevier Researcher Academy	08/07/2020
Make the most of your research: publish your data & methods	Elsevier Researcher Academy	08/07/2020
An editor's guide to writing a review article	Elsevier Researcher Academy	07/29/2019
How to write case reports	Elsevier Researcher Academy	05/04/2019
Certified peer reviewer course		
What to expect from the Certified Peer Reviewer Course?	Elsevier Researcher Academy	10/17/2019
Webinar 25: Digital Construction Journey and Responding to the Change for Smart Cities	Festival of BIM & Digital Construction	06/2020
Webinar 40: BIM Empowered Use of DTs - How the Structured Performance Data in BIM Can Be Leveraged for Optimizing the Actual Performance in the Physical Environment	Festival of BIM & Digital Construction	06/2020
Webinar 15: How BIM Combined with Modular, Digital Fabrication and Prefab is Transforming Design and Construction	Festival of BIM & Digital Construction	05/2020

Webinar 9: How to Define, Document and Put Your Organization's DT Requirements out to the Street	Festival of BIM & Digital Construction	05/2020
Webinars 10: How Can We Better Capture, Manage and Integrate Data to Facilitate Modelling Technologies like BIM and DT	Festival of BIM & Digital Construction	05/2020

Language Certificates

Language certificates:

Language name	Certificate name	Issuing organization	Grade	Course time	Date		
English	Junior Proficiency (MELAB)	Academic Center for Education, Culture & Research (ACECR)	76 out of 100	-	2006		
English	Certificate for short-term English Training courses	Academic Center for Education, Culture & Research (ACECR)	-	440 hours	06/20/2005 -09/21/2007		
English	IELTS	Fanavaran Toos Institute of Higher Education	-	7 months	09/2018 – 05/2019		
English	IELTS Test Report Form-Academic	IFI-IDP-British Council	5.5 out of 9	-	10/10/2019		
		Listening	Reading	Writing	Speaking	Overall	CEFR Level
		5	6	6	5	5.5	B2
French	Hafez Institute	-	-	-	-	-	A2
Russian	Certificate (подфак)	National Research University "Moscow Power Engineering Institute"	-	One year	30/06/2024		

Skills

No.	Tile	No.	Tile	No.	Tile
Industry Knowledge					
1	Typing	4	GA toolbox	6	News Writing
2	Taguchi method	5	Machine Learning	7	Paraphrasing
3	Report Writing	6	Latex	8	MathType
General Software					
1	Microsoft Office				
Technical Softwares					
1	Autodesk REVIT	7	Comsol Multiphysics	13	Excel
2	AutoCAD	8	Cadence	14	Access
3	Matlab	9	Altium Designer	15	Atmel Studio (AVR)
4	Minitab	11	Hspice	16	Android Programming
6	Protel	12	Porteus	17	CSoft
Film and Design Softwares					
1	Edius	3	Adobe Photoshop	5	Adobe InDesign
2	Camtasia Studio	4	Subtitle Edit		
Programming Languages					
1	Matlab	3	C	5	Assembly
2	Python	4	Basic		