

Curriculum Vitae - Siamak Hoseinzadeh



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Education:

- ❖ **Ph.D.** in **Energy Conversion Engineering**, Faculty of Mechanical Engineering, Islamic Azad University, West Tehran Branch, Tehran, Iran, 2014-2017.
 - **Thesis Title:** Experimental study of optical and thermal properties of smart windows with tungsten oxide and silver nanocomposite layer (September 2017): <http://www.ana.ir/news/287302>
 - Top student (1st rank student) of University (2017): <http://www.ana.ir/news/293847>
- ❖ **M.Sc.** in **Energy Conversion Engineering**, Faculty of Mechanical Engineering, Islamic Azad University, South Tehran Branch, Tehran, Iran, 2008-2010.
 - **Thesis Title:** Analytical Solution Non-Fourier Heat Conduction around a Hollow Sphere with Hyperbolic Boundary Conditions
- ❖ **B.Sc.** in **Thermal-Fluids Engineering**, Mechanical Engineering, Faculty of Mechanical Engineering, Islamic Azad University Sari Branch, Sari, Iran, 2004-2008.
 - **Thesis Title:** Optimization in Construction of CNC Machines with Genetic Algorithms

Research Interests and Publications:

Renewable Energy: Energy Efficiency, Solar Energy, Exergy, Power Plant

- [1]. **Hoseinzadeh, S.**, & Azadi R. J., Simulation and optimization of a solar-assisted heating and cooling system for a house in Northern of Iran. *J. Renewable Sustainable Energy*, 9: 4. 045101 (2017); <https://doi.org/10.1063/1.5000288>.
- [2]. Yousef Nezhad M. E. & **Hoseinzadeh, S.**, Mathematical Simulation and Optimization of a Solar Water Heater for an Aviculture Unit Using MATLAB/SIMULINK, *J. Renewable Sustainable Energy*, 9: 6, 063702 (2017); <https://doi.org/10.1063/1.5010828>.
- [3]. **Hoseinzadeh, S.**, Analysis of energy consumption and energy efficiency improvements of a zero-energy building in a humid mountainous area, *J. Renewable Sustainable Energy*, [Accepted / In Published Article](#).
- [4]. Exergy, Pollution and Economic Optimization and Analysis of a Combined Cycle Power Plant, *Renewable Energy*, [Accepted/In Published Article](#).
- [5]. Power generating technical and economic analysis for Gas power plant combined system with accompanied water distillation plant, *Desalination*. [Under Review](#).

[6]. Simulation and optimization of a new electrochromic with (WO₃+Ag) nanocomposite thin film-assisted cooling system for a medium office room in Iran, *Energy Efficiency*, [Under Review](#).

Smart Material and Devices: Thin Films, Optoelectronic, Corrosion, Nano

[1]. **Hoseinzadeh, S.**, Ghasemiasl, R., Bahari, A. & Ramezani, A.H., Effect of Post-annealing on the Electrochromic Properties of Layer-by-Layer Arrangement FTO-WO₃-Ag-WO₃-Ag. *Journal of Elec Materi* (2018) 47: 3552. <https://doi.org/10.1007/s11664-018-6199-4>

[2]. Ramezani, A.H., **Hoseinzadeh, S.** & Bahari, A., The Effects of Nitrogen on Structure, Morphology and Electrical Resistance of Tantalum by Ion Implantation Method. *J Inorg Organomet Polym* (2018) 28: 847. <https://doi.org/10.1007/s10904-017-0769-4>

[3]. Najafi-Ashtiani, H., Bahari, A., Gholipour, S. & **Hoseinzadeh, S.**, Structural, optical and electrical properties of WO₃-Ag nanocomposites for the electro-optical devices. *Appl. Phys. A* (2018) 124: 24. <https://doi.org/10.1007/s00339-017-1412-5>

[4]. **Hoseinzadeh, S.**, Ghasemiasl, R., Bahari, A. & Ramezani, A.H., The injection of Ag nanoparticles on surface of WO₃ thin film: Enhanced electrochromic coloration efficiency and switching response, *J Mater Sci: Mater Electron* (2017) 28: 14446. <https://doi.org/10.1007/s10854-017-7306-7>

[5]. **Hoseinzadeh, S.**, Ghasemiasl, R., Bahari, A. & Ramezani, A.H., n-type WO₃ semiconductor as a cathode electrochromic material for ECD devices, *J Mater Sci: Mater Electron* (2017) 28: 14855. <https://doi.org/10.1007/s10854-017-7357-9>

[6]. **Hoseinzadeh, S.**, Ramezani, A.H., Corrosion Performance of Ta/Ni Ions Implanted with WO₃/FTO, *CHINESE SOC MECHANICAL ENGINEERS* (2018) 39: 5, 501-507.

[7]. Ramezani, A.H., **Hoseinzadeh, S.**, Corrosion Performance of Tantalum Implanted with Argon and Nitrogen Ions, *Journal of Nanoelectronics and Optoelectronics*, [Accepted/In Published Article](#).

[8]. **Hoseinzadeh, S.**, Ramezani, A.H., Tantalum/Nitrogen and n-type WO₃ semiconductor/FTO structures as a cathode for the future of nanoelectronic devices, *JOURNAL OF NANOSTRUCTURES*, [Accepted/In Published Article](#).

[9]. Synthesis of WO₃ powder and analysis of the annealing-thickness of the coating EC nanocomposite thin films, *Advanced Powder Technology*, [Under Review](#).

[10]. Elaboration of an electrospinning machine for producing nano-composite nanofibres of polymer base and its application in concrete, *Micro & Nano Letters*, [Under Review](#).

Heat and Mass Transfer: CFD, Multiphysics, PCM, Porous Media, FSI

[1]. **S. Hoseinzadeh**, R. Ghasemiasl, D. Havaei, A.J. Chamkha, Numerical investigation of rectangular thermal energy storage units with multiple phase change materials, *Journal of Molecular Liquids*, Volume 271, 2018, Pages 655-660, <https://doi.org/10.1016/j.molliq.2018.08.128>

[2]. R. Ghasemiasl, **S. Hoseinzadeh**, and M. A. Javadi. Numerical analysis of energy storage systems using phase-change materials with nanoparticles. *Journal of Thermophysics and Heat Transfer* (2018) 32: 440. <https://doi.org/10.2514/1.T5252>

[3]. **Hoseinzadeh, S.**, Sahebi, S.A.R., Ghasemiasl, R. et al. Experimental analysis to improving thermosyphon (TPCT) thermal efficiency using nanoparticles/based fluids (water). *Eur. Phys. J. Plus* (2017)

132: 197. <https://doi.org/10.1140/epjp/i2017-11455-3>

[4]. **Hoseinzadeh, S.**, Analytical analysis (HPM) of the equation of heat transfer on fin-porous and comparison with numerical solution, *Journal of Thermal Analysis and Calorimetry*, [Under Review](#).

[5]. Ali Yari, **Siamak Hosseinzadeh**, Ali Akbar Golneshan, Ramin Ghasemiasl. Numerical Simulation for Thermal Design of A Gas Water Heater With Turbulent Combined Convection. ASME Proceedings Symposium on Applications in CFD, ASME (2015) AJKFluids2015-3305: V001T03A007. <https://doi.org/10.1115/AJKFluids2015-3305>

[6]. H. Kohzadia, A. Shadarama, **S. Hoseinzadehb**, Improvement of the centrifugal pump performance by restricting the cavitation phenomenon, CHEMICAL ENGINEERING TRANSACTIONS, [Accepted/In Published Article](#).

[7]. Exact solution of 2D dual-phase-lag Non-Fourier heat transfer in a solid cylinder with constant heat flux, *International Journal of Heat and Mass Transfer*, [Under Review](#).

[8]. Amin Bahrami, **Siamak Hosseinzadeh**, Ramin Ghasemiasl. Solution of Non-Fourier Temperature Field in a Hollow Sphere under Harmonic Boundary Condition. *Applied Mechanics and Materials* (2015) 772: 197. <https://doi.org/10.4028/www.scientific.net/AMM.772.197>

[9]. R. Ghasemiasl, R. Ostadhosein M. A. Javadi & **S. Hoseinzadeh**. Blood flow Simulation in an Aorta with a mild coarctation by means of Magnetic Resonance Angiography and Finite Volume Method. *IJE TRANSACTIONS A: Basics* (2018) 31:260. <http://www.ije.ir/Vol31/No4/A/20-2737.pdf>

[10]. Analysis of Sensitivity of Factors Affecting Relaxation Heat Transfer by Relaxing Pulsed Stream of a Nano Fluid in a Tube with a Fixed Flow Wall, *Experimental Thermal and Fluid Science*, [Under Review](#).

[11]. Hesamedin habibi, Ali Yari, **Siamak Hosseinzadeh**. Numerical study of fluid flow around a Diver helper, *International Journal of Recent advances in Mechanical Engineering*, (2016) 5: 1. <https://doi.org/10.14810/ijmech.2016.5105>

[12]. **Siamak Hosseinzadeh**, Ramin Ghasemiasl, Amin Bahrami. Performance Predictions of a Turboshift Engine Through the Use of Losses Models. *International Journal of Recent advances in Mechanical Engineering* (2014) 3(3):99. [DOI: 10.14810/ijmech.2014.3309](https://doi.org/10.14810/ijmech.2014.3309)

[13]. **Siamak Hosseinzadeh**, Ali Yari, Ehsan Abbasi, Faezeh Absalan. The Numerical Study of Channel Flow in Turbulent Free Convection with Radiation and Blowing. *International Journal of Recent advances in Mechanical Engineering* (2014) 3:11. [DOI:10.14810/ijmech.2014.3202](https://doi.org/10.14810/ijmech.2014.3202)

[14]. E. Abbasi, **S. Hoseinzadeh**, M. Ramzani, and A.Hassani, Experimental Investigation on Thermo Syphon Thermal Performance Using Sic/water Nano Fluid, *Archives Des Sciences Journal*, (2012) 65(8): 22.

[15]. M. Eftari, **S. Hoseinzadeh**, H.J. Javaniyan and M.F.T. Emadi Analytical Solution for Free Convection Non-Newtonian Flow between Two Vertical Sheets. *World Applied Sciences Journal*, (2012) 16.

Projects:

- ❖ *Manufacturing Elechtrochromic, Smart Glass & Window, supervised by Prof. A.Bahari, Nano-physics and electronic lab, University of Mazandaran, Iran, 2016-17.*
- ❖ *Manufacturing Horizontal Heat Exchanger Device, supervised by Islamic Azad University West Tehran*

Branch, Tehran, Iran, 2015.

- ❖ *Manufacturing Heat-Pipe Thermosyphon Device, supervised by Islamic Azad University West Tehran Branch, Tehran, Iran. 2014.*
- ❖ *Manufacturing Gas Refueling System (LPG), equipping the Ingot Workshop, supervised by Islamic Azad University Savadkoooh Branch, Savadkoooh, Iran, 2013.*
- ❖ *Designing Thermal laser to destroy tumor tissue with Analytical Solution Non-Fourier Heat Conduction around a Hollow Sphere, supervised by Dr. C. Aghanajafi, K. N. Toosi University of Technology, 2010.*
- ❖ *Research and Analysis of Greenhouses with Solar Roof, supervised by Dr. C. Aghanajafi, K. N. Toosi University of Technology, 2009.*
- ❖ *Designing Respiratory System with Portable Heaters, supervised by Dr. C. Aghanajafi, K. N. Toosi University of Technology, 2008.*
- ❖ *Design of a Water Supply Plant for Amol City, Mazandaran, Iran, supervised by: Islamic Azad University Sari Branch, Mazandaran, Iran, 2007.*

Technical Skill:

- ❖ **Courses taught:**
 - Heat Transfer
 - Thermodynamics
 - Fluid Mechanics
 - Nano Technology
- ❖ **Laboratory devices**
 - Physical vapor deposition (**PVD & CVD**): Physics Laboratory, University of Mazandaran, Iran
 - X-ray Powder Diffraction (**XRD**): Nanotechnology Laboratory, University of Mazandaran, Iran
 - Ultraviolet (**UV**): Nano-optics Laboratory, University of Mazandaran, Iran
 - Cyclic Voltammety (**CV**): Chemistry Laboratory, University of Mazandaran, Iran
 - Atomic force microscopy (**AFM**): Nanotechnology Laboratory, University of Mazandaran, Iran
 - Fourier transform infrared spectroscopy (**FTIR**): Chemistry Laboratory
 - Scanning electron microscope (**SEM/EDX**): Physics Laboratory, University of Mazandaran, Iran
 - Welding Inspector (**UT**), ASME certificate, Level 2
- ❖ **Technical Software Packages:**
 - COMSOL Multiphysics
 - FLUENT & GAMBIT
 - DESIGEN BUILDER
 - MATLAB
 - AUTOCAD
 - CARRIER
- ❖ **Language:**
 - English: Full professional proficiency

Professional Membership:

- ❖ Member of ISME (Iranian Society of Mechanical Engineers)
- ❖ Member of Iran Nanotechnology Initiative Council
- ❖ Member of Young Researchers and Elite Club, Islamic Azad University
- ❖ Member of Iranian Organization for Engineering Order of Building
- ❖ Member of Mazandaran Engineering Association

Editorial & Reviewer:

- ❖ *Journal of Molecular Liquids ISI: Elsevier, IF= 4.5*
- ❖ *Clean Technologies and Environmental Policy, ISI: Springer, IF= 3.2*
- ❖ *Modern Physics Letters B, ISI: World Scientific Publishing Co, IF= 1*

- ❖ *Advances in Design, Simulation and Manufacturing*, ISI: Springer, Book
- ❖ *Cogent Engineering*, ISI: Taylor & Francis, IF= 0.9
- ❖ *Periodica Polytechnica: Chemical Engineering*, ISI, Budapest University of Technology , IF= 0.8
- ❖ *Acta Polytechnica*, ISI, Czech Technical University, Publishing House, IF= 0.6
- ❖ *The International Journal of Nanoelectronics and Materials*, ISI
- ❖ *International Journal of Heat and Technology*, ISI: Edizioni ETS
- ❖ *The Open Construction & Building Technology Journal*, Scopus: BENTHAM
- ❖ *International Journal of Nanoelectronics and Materials*, Scopus: University Malaysia Perlis
- ❖ *Journal of Engineering Science and Technology*, Scopus: Taylor's University College
- ❖ *Science international : a new era in publishing*, Scopus
- ❖ *Journal of Engineering Science and Technology Review*, Scopus: EMaTTech Journals
- ❖ *Journal of Advance Research in Electrical & Electronics Engineering*, Scopus: JIAATS
- ❖ *International Review of Mechanical Engineering*, , Elsevier Scopus: Praise Worthy Priz, IF= 0.8
- ❖ *International Review on Modeling and Simulations*, Elsevier Scopus: Praise Worthy Priz, IF= 0.6
- ❖ *World Academy of Science, Engineering and Technology*, Scopus
- ❖ *Scholarly Research Publisher*, ISC & Google Scholar
- ❖ *Fluid Mechanics Research International Journal*, Med Crave
- ❖ *American Journal of Mechanical and Materials Engineering*, Science Publishing Group
- ❖ *Singapore Journal of Scientific Research*, ASCI-Database
- ❖ *Global Journal of Energy and Environment*, eSciPub LLC, Houston, TX, USA
- ❖ *International Journal of Optics and Photonics*, eSciPub LLC, Houston, TX, USA
- ❖ *Journal of Pure And Applied Mathematics*, Pulsus Journals
- ❖ *United Journal of Chemistry*, An International open Access Journal, Google Scholar
- ❖ *International Journal of Advances in Materials Science and Engineering*, Google Scholar
- ❖ *International Journal of Engineering in Mechanical and Civil Engineering*, Google Scholar
- ❖ *International Journal Advance Research, Ideas Innovations In Technology*, Google Scholar
- ❖ *International Journal of Advanced Research Trends in Engineering*, Google Scholar
- ❖ *International Journal of Modern Studies in Mechanical Engineering*, Google Scholar
- ❖ *International Journal of Materials Science and Engineering*, Google Scholar
- ❖ *Asian Journal of Applied Science and Technology*, Google Scholar
- ❖ *Indo-Iranian Journal of Scientific Research*, Google Scholar
- ❖ *International Journal of Research in Engineering & Technology*, IMPACT Journal
- ❖ *International Scientific Committee and Editorial Board on Mechanical, Industrial, IAST*
- ❖ *International Journal of Engineering Technology Research & Management*, Google Scholar
- ❖ *International Journal Of Research In Technology And Management*, International Journal
- ❖ *International journal of research*, GRANTHAALAYAH
- ❖ *Journal of Applied Mechanical Engineering - Fluid Mechanics*, OMICS Group
- ❖ *International Journal of Recent Advances in Mechanical Engineering*, Google Scholar
- ❖ *International Journal of Advances in Materials Science and Engineering*, Google Scholar
- ❖ *Aerospace Engineering: An International Journal*, Google Scholar
- ❖ *Advances in Materials Science and Engineering: An International Journal*, Google Scholar
- ❖ *International Journal of Advances in Chemistry*, Google Scholar
- ❖ *Mechatronics and Applications: An International Journal*, Google Scholar
- ❖ *International Journal of Modeling, Simulation and Applications*, Google Scholar
- ❖ *Advances in Engineering: an International Journal*, Google Scholar
- ❖ *TJPRC: International Journal of Heat and Mass Transfer*, Google Scholar
- ❖ *TJPRC: International Journal of Mechanics and Thermodynamics*, Google Scholar
- ❖ *International Research Journal of Optics and Photonics*, Google Scholar
- ❖ *International Journal of Nanotechnology and Application*, Google Scholar
- ❖ *Machines & Mechanisms : an International Journal*, Google Scholar
- ❖ *International Journal of Advance Research, Ideas and Innovations in Technology*
- ❖ *International Journal For Research In Mechanical & Civil Engineering*
- ❖ *Journal of Advance Research in Electrical & Electronics Engineering*

❖ *Journal Of Mechanical And Civil Engineering*

Committee Members:

- ❖ *4th Thermal and Fluids Engineering Conference, American Society of Thermal and Fluids Engineers (ASTFE), Las Vegas, NV, USA, (2019).*
- ❖ *The 4th International Conference on Power and Renewable Energy, (IEEE Xplore and Scopus), Chengdu, China, (2019).*
- ❖ *International Conference on Nanofluids (ICNF) and the 2nd European Symposium on Nanofluids, series of international conferences under the auspices of the European Cooperation in Science and Technology, Castello, Spain, (2019).*
- ❖ *3rd International Conference on Mechatronics Systems and Control Engineering, Conference Proceedings Series by (Scopus), Nice, France, (2019).*
- ❖ *2nd International Conference on Sustainable Development of Water and Environment, Journal of Water and Climate Change (Science Citation), Hongkong, (2019).*
- ❖ *2nd International Conference on Robotics and Intelligent System, Conference Proceedings Series by (Scopus), Warsaw, Poland, (2019).*
- ❖ *International conference focused on clean and renewable energy, Sustainability (ISI Impact Factor: 1.789), Quebec, Canada, (2018).*
- ❖ *International Conference on Renewable Energy Research and Application, IEEE Xplore, SCOPUS and Web of Science, Paris, France, (2018).*
- ❖ *International Conference on Mechanical Engineering and Applied Composite Materials, IOP Conference Series: Materials Science and Engineering, Harbin, China, (2018).*
- ❖ *7th International Conference on Energy, Power and Materials Engineering, Journal of DEStech Transactions on Environment, Energy and Earth Sciences, Beijing, China, (2018).*
- ❖ *9th International Conference on Environmental Engineering and Applications, International Journal of Environmental Science and Development, Amsterdam, Netherlands, (2018).*
- ❖ *2nd International Conference on Mechanical Engineering and Applied Composite Materials, IOP Conference Series: Materials Science and Engineering, Harbin, China, (2018).*
- ❖ *3rd International Conference on Power and Renewable Energy, (IEEE Xplore and Scopus), Berlin, Germany, (2018).*
- ❖ *International Conference on Advanced Functional Materials and Composites, Materials Express, Barcelona, Spain, (2018).*
- ❖ *International Conference on Energy, Power and Environmental System Engineering, DEStech Transactions on Environment, Energy and Earth Sciences, Xiamen, China, (2018).*
- ❖ *International Symposium on Material Science and Engineering, AIP Conference Proceedings (Scopus), Seoul, South Korea, (2018).*
- ❖ *20th International Conference on Energy and Heat Transfer Engineering, Special Journal Issue on Energy and Heat Transfer Engineering (ISI), Mumbai, India, (2018).*
- ❖ *International Conference on Green Materials and Environmental Engineering, DEStech Transactions on Environment, Energy and Earth Sciences, Beijing, China, (2018).*
- ❖ *3rd International Conference on Control and Robotics Engineering, (IEEE Xplore and Scopus), Nagoya Institute of Technology, Nagoya, Japan, (2018).*
- ❖ *9th International Conference on Environmental Engineering and Applications, Journal of Environmental Science and Development, Amsterdam, Netherlands, (2018).*
- ❖ *International Conference on Computer, Electronic and Mechanical Engineering, DEStech Transactions on Computer Science and Engineering, Shanghai, China, (2018).*
- ❖ *International Conference on Robotics and Intelligent System, Conference Proceedings Series by ACM, (Scopus), Amsterdam, Netherlands, (2018).*

- ❖ *6th International Conference on Metallurgy Technology and Materials, Solid State Phenomena, Xian, China, (2018).*
- ❖ *2nd International Conference on Automation and Mechatronics Engineering, International Journal of Mechanical Engineering and Robotics Research. Singapore, (2018).*
- ❖ *International Conference on Metal Material Processes and Manufacturing, Jeju National University, Jeju Island, South Korea, (2018).*
- ❖ *20th International Conference on Electric Power and Energy Conversion Systems, Electric Power and Energy Conversion Systems (WASET), Tokyo, Japan, (2018).*
- ❖ *4th International Conference on Advances in Mechanical Engineering, International Journal of Recent advances in Mechanical Engineering, Geneva, Switzerland, (2018).*
- ❖ *International Conference on Energy, Power and Materials Engineering, Journal of DEStech Transactions on Environment, Energy and Earth Sciences, Beijing, China, (2018).*
- ❖ *20th International Conference on Advanced Mechanical Engineering and Spacecraft Technologies, (WASET), London, United Kingdom, (2018).*
- ❖ *2nd International Conference on Mechatronics Systems and Control Engineering, Conference Proceedings Series by ACM, (Scopus), Amsterdam, Netherlands, (2018).*
- ❖ *International Conference on Material Engineering Research, Applied Mechanics and Materials, AMM, (Scopus), Incheon, South Korea, (2018).*
- ❖ *International Conference on Mechanical, Automation and Applied Mechanics, the Journal of DEStech Transactions on Engineering and Technology Research, Wuhan, China, (2018).*
- ❖ *20th International Conference on Applied Thermal Engineering, World Academy of Science, Engineering and Technology (WASET), London, United Kingdom, (2018).*
- ❖ *The 1st International Symposium on Water Resource and Environmental Management, Kunming, China, (2018).*
- ❖ *International Conference on Design, Simulation, Manufacturing: The Innovation Exchange, Journal of Engineering Sciences, Sumy State University, Ukraine, (2018).*
- ❖ *International Conference on Energy, Environment and Power Engineering, DEStech Transactions on Environment, Energy and Earth Sciences, Sanya, China, (2018).*
- ❖ *2nd International Conference on Aerospace Engineering, Journal of Automation and Control Engineering, Seoul, South Korea, (2018).*
- ❖ *5th International Conference on Robotics, Mechanics and Mechatronics, International Journal of Mechanical Engineering and Robotics Research, (Scopus), Dubai, UAE, (2018).*
- ❖ *3rd International Conference on Control and Robotics Engineering, (IEEE Xplore and Scopus), Nagoya Institute of Technology, Japan, (2018).*
- ❖ *International Conference on Sustainable Development of Water and Environment, Water Science and Technology, (IOP conference series), ShenYang, China, (2018).*
- ❖ *5th International Conference on Artificial Intelligence and Applications, International Journal of Fuzzy Logic Systems, Zurich, Switzerland, (2018).*
- ❖ *International Conference on Modeling, Simulation and Optimization, DEStech Transactions on Computer Science and Engineering, (Web of Science), Shenzhen, China, (2018).*
- ❖ *5th International Conference on Mechanical Engineering, International Journal of Recent Advances in Mechanical Engineering, Dubai, UAE, (2018).*
- ❖ *International Conference on Mathematics, Modeling and Simulation Technologies and Application, DEStech Transactions on Computer Science and Engineering, (Thomson Reuters Web of Science), Xiamen, China, (2017).*
- ❖ *2nd International Symposium on Mechanical Engineering and Material Science Advances in Engineering Research, (Advances in Engineering Research), Suzhou, China, (2017).*
- ❖ *The 2nd International Conference on Power and Renewable Energy, (IEEE Xplore and Scopus), University of Electronic Science and Technology of China, (2017).*

- ❖ *2nd International Conference on Mechanical Engineering, International Journal of Recent advances in Mechanical Engineering, Vienna, Austria, (2017).*
- ❖ *Second International Conference on Data Mining, Computer Science & Information Technology, Chennai, India, (2016.).*
- ❖ *Second International Conference on Artificial Intelligence and Applications, Computer Science & Information Technology, Vienna, Austria,(2015).*
- ❖ *Third International Conference on Database and Data Mining, Computer Science & Information Technology, Dubai, UAE, (2015).*
- ❖ *Second International Conference on Data Mining and Database, Second International Conference on Data Mining and Database, Vienna, Austria, (2015).*
- ❖ *Fourth International Conference on Information Theory, Second International Conference on Data Mining and Database, Vienna, Austria,(2015).*
- ❖ *International Conference on Recent advances in Physics, Chennai, India, (2014).*
- ❖ *Second International Conference on Computational Science & Engineering, UAE, (2014).*

Work Experience:

- ❖ **Lecturer & Project Supervisor of University, Level 3/3, 2011-Now:**
 - *Islamic Azad University West Tehran Branch, Tehran, Iran.*
 - *Islamic Azad University Savadkooh Branch, Zirab, Mazandaran, Iran*
 - *Islamic Azad University Shirgah Branch, Shirgah, Mazandaran, Iran*
 - *Islamic Azad University Juybar Branch, Juybar, Mazandaran, Iran*
 - *Islamic Azad University Behshahr Branch, Behshahr, Mazandaran, Iran*
 - *Islamic Azad University Neka Branch, Neka, Mazandaran, Iran*
 - *Sama Institute, Sari, Mazandaran, Iran*
 - *Payame Noor University of Sari, Sari, Mazandaran, Iran*
 - *Non-profitable Institute of Roozbahan, Sari, Mazandaran, Iran*
 - *Non-profitable Institute of Sarian, Sari, Mazandaran, Iran*
- ❖ **Designer and Supervisor of Construction Engineering Organization of Mazandaran province, 2014-Now, Level 2/3.**
 - *Surveillance: 8000square meters of building installations*
 - *Designing: 8000 square meters of building installations*
 - *Surveillance: Building gas supply*
- ❖ **Mechanical Technical adviser for Incineration Plant, Municipality of Sari, Mazandaran, Iran, 2015-Now:**
 - *Consultant to the mechanics, the power plant facilities, thermal energy and turbine.*
- ❖ **Industry Expert, Mine and Trade Organization of Mazandaran Province, Sari, Iran, 2011-2012:**
 - *Affairs expert Progress in the construction of factories and cold storage, industrial city of Sari, Mazandaran, Iran, 2011-2012.*
- ❖ **Technical Office Manager, Nogostaran Construction Installation Company, Tehran, Iran, 2008-2011:**
 - *Technical Office Manager, executor of 20 km of sewage, Tehran, Iran, 2009-2011.*
 - *Technical Office Manager, executor of the main sewage line connection to wastewater treatment, the city of Rey, Tehran, Iran, 2010-2011.*
 - *Technical Office Manager, Executive sewage lines around the dam (Latyan), International Project the World Health Organization, Tehran, Iran, 2008-2010.*
 - *Contracts for development projects Nogostaran companies associated with Tehran Province*

Water and sewage and consulting company Mahab Ghodss, 2008-2011.

- *Set and handle the situation with contractors (Estimation-statement-adjustment), construction projects, 2008-2011.*
-