

Curriculum Vitae

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Education

- 2007-2012 **Ph.D.**, Tarbiat Modares University, Tehran, Iran
Major: Manufacturing Engineering
Dissertation: "Numerical and experimental Investigation of the effect of temperature and corner fillet on internal pressure in warm tube hydroforming process", Under supervision of Prof. H. Moslemi Naeini
- 2003-2005 **M.Sc.**, Tarbiat Modares University, Tehran, Iran
Major: Manufacturing Engineering
Thesis: "Designing and Manufacturing of a Typical Die for Tube Hydroforming ", Under supervision of Prof. GH. Liaghat
B.Sc., Tabriz University, Tabriz, Iran
- 1999-2003 **Major:** Manufacturing Engineering
Thesis: " Solving of Complicated Problems in Industry Using Blackboard Architecture Systems ", Under supervision of Dr. M. Sadegh Amalnik

Research Interests

- Metal forming (Hydroforming, Laser forming, Roll forming)
- Additive manufacturing
- Friction welding
- Optimization
- Design of Experiments (DOE)

Journal Publications

1. M. Balali, **S.M.H. Seyedkashi**, A. Hasanabadi, H. Gorji, H. Baseri, M. Khosravi, Investigation of mechanical properties and optimization of ultrasonic-assisted simple shear extrusion process using the response surface method, Accepted for publication in *Journal of Theoretical and Applied Vibration and Acoustics*, 2026.
2. M.A. Ghayour, V. Ponomarov, E.K. Takahashi, **S.M.H. Seyedkashi**, A. Scotti, Experimental study of breakage marks in wire arc additive manufacturing assisted by active cooling of thin-walls, *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, 2026. DOI: [10.1177/09544089261416751](https://doi.org/10.1177/09544089261416751).

3. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Effect of laser scanning speed on the microstructure and hardness of SS316L–IN625 FGM fabricated by laser additive manufacturing, *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*, 2026. DOI: [10.1177/09544089251413299](https://doi.org/10.1177/09544089251413299).
4. F. Boroumand, **S.M.H. Seyedkashi**, M.H. Pol, Experimental study on effects of nanoclay on shear strength and failure behavior of metal nanocomposites, *Journal of Reinforced Plastics and Composites*, 2025. DOI: [10.1177/07316844251366613](https://doi.org/10.1177/07316844251366613).
5. A. Bazrafshan Tanha, **S.M.H. Seyedkashi**, M. Sajed, H. Rastegari, Feasibility of deep crack repair using a novel friction stir chip welding process, *Iranian Journal of Materials Forming*, Vol. 13 (1), January 2026, pp. 30-44. DOI: [10.22099/ijmf.2025.54371.1351](https://doi.org/10.22099/ijmf.2025.54371.1351).
6. A.H. Eslami, **S.M.H. Seyedkashi**, M.H. Farshidi, Study of the effects of heat treatment on structural and mechanical properties of Cu/Ni/Al layered composite produced by accumulated roll bonding, *Journal of Alloys and Compounds*, Vol. 1049, December 2025, p. 185418. DOI: [10.1016/j.jallcom.2025.185418](https://doi.org/10.1016/j.jallcom.2025.185418).
7. M.R.C. Qazani, M. Dorudgar, M. Moayyedian, A.H.I. Mourad, M. Sajed, **S.M.H. Seyedkashi**, S. Pedrammehrg, Mechanical properties prediction of bi-metal foam sandwiches using machine learning methods and elastic deformation behaviour, *Engineering Applications of Artificial Intelligence*, Vol. 162 (Part C), December 2025, p. 112560. DOI: [10.1016/j.engappai.2025.112560](https://doi.org/10.1016/j.engappai.2025.112560).
8. F. Akbari, **S.M.H. Seyedkashi**, M. Sajed, Experimental study of magnetic field-aided friction stir spot welding, *International Journal of Advanced Design and Manufacturing Technology*, Vol. 18 (3), November 2025, pp. 43-49. DOI: [10.71644/admt.2025.873780](https://doi.org/10.71644/admt.2025.873780).
9. S.A. Alavi, **S.M.H. Seyedkashi**, M. Rakhshkhorshid, A novel expansion forming process using soundless chemical demolition agent, *Journal of Materials Engineering and Performance*, Vol. 34, No. 22, November 2025, pp. 27126–27136, 2025. DOI: [10.1007/s11665-025-11195-5](https://doi.org/10.1007/s11665-025-11195-5).
10. M. Balali, **S.M.H. Seyedkashi**, A. Hasanabadi, H. Gorji, H. Baseri, M. Khosravi, Effects of horn type on the microhardness and microstructural homogeneity in ultrasonic-assisted simple shear extrusion, *Experimental Techniques*, Vol. 49 (2), April 2025, pp. 253-266. DOI: [10.1007/s40799-024-00744-7](https://doi.org/10.1007/s40799-024-00744-7).
11. M. Balali, **S.M.H. Seyedkashi**, A. Hasanabadi, H. Gorji, H. Baseri, M. Khosravi, A new ultrasonic-assisted simple shear extrusion process in production of ultrafine grained copper, *International Journal of Engineering, Transactions A: Aspects*, Vol. 38 (4), April 2025, pp. 908-920. DOI: [10.5829/ije.2025.38.04a.19](https://doi.org/10.5829/ije.2025.38.04a.19).
12. M.R. Chalak Qazani, M. Sajed, S. Pedrammehrg, Mechanical properties estimation of multi-layer friction stir plug welded aluminium plates using time-series neural network models, *Soft Computing*, Vol. 29 (2), January 2025, pp. 1147–1168. DOI: [10.1007/s00500-025-10429-x](https://doi.org/10.1007/s00500-025-10429-x).
13. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Effect of the scanning strategy in the laser directed energy deposition process of SS316L-Inconel 625 FGM bulk, *The International Journal of Advanced Manufacturing Technology*, Vol. 135 (11-12), December 2024, pp. 5747–5761. DOI: [10.1007/s00170-024-14861-5](https://doi.org/10.1007/s00170-024-14861-5).
14. A.A. Abedini, H. Rastegari, S.M. Emam, **S.M.H. Seyedkashi**, Statistical analysis of quenching & partitioning effects on mechanical properties of 1.7102 steel using ANOVA technique, *Iranian Journal of Materials Forming*, Vol. 11 (4), October 2024, pp. 4-17. DOI: [10.22099/ijmf.2025.51281.1303](https://doi.org/10.22099/ijmf.2025.51281.1303).

15. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Experimental study of SS316L, Inconel 625, and SS316L-IN625 functionally graded material produced by direct laser metal deposition process, *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, Vol. 238 (16), August 2024, pp. 8139-8150. DOI: [10.1177/09544062241237408](https://doi.org/10.1177/09544062241237408).
16. M. Balali, **S.M.H. Seyedkashi**, A. Hasanabai, H. Gorji, H. Baseri, M. Khosravi, Optimization of effective parameters on ultrasonic horns in simple shear extrusion process using Taguchi design of experiments, *Iranian Journal of Manufacturing Engineering*, Vol. 11 (3), May 2024, pp. 1-12. DOI: [10.22034/IJME.2024.445721.1933](https://doi.org/10.22034/IJME.2024.445721.1933) (In Persian).
17. H. Golmakani, Y. Dadar Asl, **S.M.H. Seyedkashi**, Numerical and experimental analysis of bow defect in flexible roll forming of double layered copper-aluminum sheets, *Journal of Solid and Fluid Mechanics*, Vol. 13 (6), January and February 2024, pp. 75-87. DOI: [10.22044/jsfm.2024.13483.3775](https://doi.org/10.22044/jsfm.2024.13483.3775) (In Persian).
18. M. Jafari, **S.M.H. Seyedkashi**, M. Elyasi, Y. Yaghoubinezhad, Production of Al5083-Al₂O₃ metal base composite using accumulative roll bonding, *Iranian Journal of Materials Forming*, Vol. 11 (1), January 2024, pp. 62-71. DOI: [10.22099/ijmf.2024.49997.1293](https://doi.org/10.22099/ijmf.2024.49997.1293)
19. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Experimental and response surface study on additive manufacturing of functionally graded steel-Inconel wall using direct laser metal deposition, *Optics and Laser Technology*, Vol. 167, December 2023, 109707. DOI: [10.1016/j.optlastec.2023.109707](https://doi.org/10.1016/j.optlastec.2023.109707).
20. S.J. Hashemi, F. Rahmani, **S.M.H. Seyedkashi**, Study of effect of temperature on forming diameter and thinning in warm incremental forming of aluminum tubes, *Karafan Journal*, Vol. 20 (3), Autumn 2023, pp. 129-148. DOI: [10.48301/kssa.2023.381133.2416](https://doi.org/10.48301/kssa.2023.381133.2416) (In Persian).
21. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Effect of the laser power on the geometrical features of SS316L additively manufactured by direct laser metal deposition, *Lasers in Engineering*, Vol. 56 (1-3), September 2023, pp. 127-141, DOI: [10.1016/j.lse.2023.100000](https://doi.org/10.1016/j.lse.2023.100000).
22. O. Mehrabi, **S.M.H. Seyedkashi**, M. Moradi, Functionally graded additive manufacturing of thin-walled 316l stainless steel-Inconel 625 by direct laser metal deposition process: characterization and evaluation, *Metals*, Vol. 13 (6), June 2023, 1108. DOI: [10.3390/met13061108](https://doi.org/10.3390/met13061108).
23. M. Salehi, **S.M.H. Seyedkashi**, M. Sajed, H. Rastegari, Parametric study of reinforcement of keyhole-less friction stir spot welding using Al₂O₃ and TiO₂ nanopowders, *Iranian Journal of Materials Forming*, Vol. 10 (2), April 2023, pp. 55-67. DOI: [10.22099/ijmf.2023.47414.1257](https://doi.org/10.22099/ijmf.2023.47414.1257).
24. M. Sajed, **S.M.H. Seyedkashi**, A review of rotary friction-based solid-state joining processes, *Mechanical Engineering Journal*, Vol. 31 (6), February 2023, pp. 50-63. DOI: [10.30506/mmep.2023.557786.2033](https://doi.org/10.30506/mmep.2023.557786.2033) (In Persian).
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26. A.H. Behravan, **S.M.H. Seyedkashi**, M. Sheikhi Azqandi, Optimum design and construction of cylindrical energy absorber under internal pressure using time evolutionary optimization algorithm, *Modares Mechanical Engineering*, Vol. 23 (1), January 2023 (In Persian).
27. J. Derogar, **S.M.H. Seyedkashi**, M. Sajed, Experimental study of friction stir spot welding of a non-alloyed aluminum sheet with stationary shoulder, *Karafan Journal*,

- Vol. 19 (3), December 2022, pp. 141-161 (In Persian). DOI: [10.48301/kssa.2021.283937.1504](https://doi.org/10.48301/kssa.2021.283937.1504).
28. S.H. Alavi Hashemi, **S.M.H. Seyedkashi**, Investigation on improvement of limit drawing ratio in two-stage hydrodynamic deep drawing of cylindrical cups, *Journal of the Brazilian Society of Mechanical Sciences and Engineering*, Vol. 44 (10), October 2022, 456. DOI: [10.1007/s40430-022-03760-z](https://doi.org/10.1007/s40430-022-03760-z).
 29. S.H. Alavi Hashemi, **S.M.H. Seyedkashi**, Investigation of consecutive two-stage hydrodynamic deep drawing of aluminium cylindrical cups, *Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*, Vol. 236 (6-7), May 2022, pp. 920-931. DOI: [10.1177/09544054211062296](https://doi.org/10.1177/09544054211062296).
 30. F. Boroumand, **S.M.H. Seyedkashi**, M.H. Pol, Experimental analysis of the warm stamping of metal/thermoplastic polymer nanocomposite laminates, *Polymer Composites*, Vol. 43 (2), February 2022, pp. 1090-1106. DOI: [10.1002/pc.26438](https://doi.org/10.1002/pc.26438).
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 32. M. Yavari Nouri, **S.M.H. Seyedkashi**, M. Sajed, Experimental investigation on process parameters of dissimilar double-layered wire produced by modified friction stir extrusion process, *International Journal of Advanced Design and Manufacturing Technology*, Vol. 14 (3), September 2021, pp. 1-7. DOI: [10.30495/admt.2021.1911339.1220](https://doi.org/10.30495/admt.2021.1911339.1220).
 33. S.E. Khandandel, **S.M.H. Seyedkashi**, Mahmoud Moradi, Numerical and experimental analysis of the effect of forced cooling on laser tube forming, *Journal of Brazilian Society of Mechanical Sciences and Engineering*, Vol. 43 (7), July 2021, 338. DOI: [10.1007/s40430-021-03063-9](https://doi.org/10.1007/s40430-021-03063-9).
 34. H. Bohlooli, K. Khalili, **S.M.H. Seyedkashi**, An investigation on twist extrusion followed by forward extrusion in production of aluminum-copper bimetallic bar, *CIRP Journal of Manufacturing Science and Technology*, Vol. 33, May 2021, pp. 52-62. DOI: [10.1016/j.cirpj.2021.02.010](https://doi.org/10.1016/j.cirpj.2021.02.010).
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 36. M. Dorudgar, **S.M.H. Seyedkashi**, M. Sajed, Experimental study on manufacturing of bi-metal sandwiches with aluminum foam core and copper layers using friction stir welding, *Iranian Journal of Manufacturing Engineering*, Vol. 7 (12), February 2021, pp. 1-9 (In Persian).
 37. H. Esrafil, **S.M.H. Seyedkashi**, M.S. Safizadeh, Experimental and numerical investigation on the reinforcement cover to concrete surface using eddy current, *Amirkabir Journal of Mechanical Engineering*, Vol. 52 (10), January 2021, pp. 693-696. DOI: [10.22060/mej.2019.15132.6039](https://doi.org/10.22060/mej.2019.15132.6039).
 38. M. Sajed, **S.M.H. Seyedkashi**, Analysis of material flow and phase transformation in friction hydro-pillar processing of 1045 steel, *International Journal of Advanced Design and Manufacturing Technology*, Vol. 13 (4), December 2020, pp. 31-37. DOI: [10.30495/admt.2020.1900258.1198](https://doi.org/10.30495/admt.2020.1900258.1198).
 39. S.J. Hashemi, F. Rahmani, **S.M.H. Seyedkashi**, Numerical and experimental investigation of dimensional accuracy in incremental forming of AA6063 tubes, *International Journal of Modern Manufacturing Technologies*, Vol. 12 (2), December 2020, pp. 35-42.
 40. M. Sajed, **S.M.H. Seyedkashi**, Multilayer friction stir plug welding: a novel solid-state method to repair cracks and voids in thick aluminum plates, *CIRP Journal of*

- Manufacturing Science and Technology*, Vol. 31, November 2020, pp. 467-477. DOI: [10.1016/j.cirpj.2020.07.009](https://doi.org/10.1016/j.cirpj.2020.07.009).
41. F. Boroumad, **S.M.H. Seyedkashi**, M.H. Pol, Experimental study on forming of nanoclay-reinforced metal-composite laminates using deep drawing process, *Journal of Brazilian Society of Mechanical Sciences and Engineering*, Vol. 42 (10), October 2020, 541. DOI: [10.1007/s40430-020-02626-6](https://doi.org/10.1007/s40430-020-02626-6).
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 43. M. Sajed, **S.M.H. Seyedkashi**, Solid-state local micro-alloying of thick st37 steel plates with SiC powder using a modified friction hydro-pillar process, *Journal of Materials Research and Technology*, Vol. 9 (4), July 2020, pp. 7158-7177. DOI: [10.1016/j.jmrt.2020.04.068](https://doi.org/10.1016/j.jmrt.2020.04.068).
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 45. S.E. Khandandel, **S.M.H. Seyedkashi**, M. Hoseipour Gollo, Effect of cooling on bending angle and microstructure in laser tube bending with circumferential scanning, *Iranian Journal of Materials Forming*, Vol. 7 (1), April 2020, pp. 14-23. DOI: [10.22099/ijmf.2020.5634](https://doi.org/10.22099/ijmf.2020.5634).
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59. M. Dashti J., Ka. Shojaee G., **S.M.H. Seyedkashi**, M. Behnam T., "[Tuning of digital PID controller using particle swarm optimization](#)", Proceedings of The 29th Chinese Control Conference (CCC2010), Beijing, China, July 29-31, 2010, pp. 3383-3389.
60. H. Deilami Azodi; H. Moslemi Naeini; G.H. Liaghat; M.H. Parsa; **S.M.H. Seyedkashi**, "Analysis of the axisymmetric hydromechanical deep drawing using hill's quadratic yield criterion", CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, October 26-29, 2009.
61. **S.M.H. Seyedkashi**, R. Faramarzi, Gh. Liaghat, H. Moslemi Naeini, H. Deilami Azodi, "Free forming analytical modeling of two-layered tube hydroforming and experimental verification", CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, October 26-29, 2009.
62. **S.M.H. Seyedkashi**, Gh. Liaghat, H. Moslemi Naeini, S.M. Mahdavian, M. Hoseinpour Gollo, "Numerical and experimental study of two-layered tube forming by hydroforming process", CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, October 26-29, 2009.
63. H. Moslemi Naeini, G.h. Liaghat, S.J. Hashemi Ghiri, **S.M.H. Seyedkashi**, "FE simulation and experimental study of tube hydroforming process for AA1050 alloy at various temperatures", CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2009), Kuala Lumpur, Malaysia, October 26-29, 2009.
64. M. Hoseinpour Gollo, H. Moslemi Naeini, Gh. Liaghat, S.M. Mahdavian, **S.M.H. Seyedkashi**, "Numerical and experimental investigation of deformation in laser forming process", The 12th International ESAFORM Conference on Material Forming (Esaform2009), Twente, Netherlands, April 27-29, 2009.
65. H. Moslemi Naeini, Gh. Liaghat, S.J. Hashemi, **S.M.H. Seyedkashi**, F. Rahmani, "Numerical study of thickness distribution in warm hydroforming of Aluminum tubes", 2nd Iranian National Manufacturing Engineering Conference, Najafabad, Iran, December, 2009 (In Persian).
66. **S.M.H. Seyedkashi**, R. Faramarzi, Gh. Liaghat, H. Moslemi Naeini, "Experiments and numerical simulation of Al/Cu double layered tubes by hydroforming process", 9th International Conference on Manufacturing Engineering (ICME2009), Birjand, Iran, March, 2009 (In Persian).
67. R. Azizi tafti, H. Moslemi Naeini, M. Tajdari, S. mazdak, **S.M.H. Seyedkashi**, "prediction of spring-back in cold roll forming process using neural networks", 9th International Conference on Manufacturing Engineering (ICME2009), Birjand, Iran, March, 2009 (In Persian).
68. **S.M.H. Seyedkashi**, Gh. Liaghat, H. Moslemi Naeini, M. Hosseinpour Golo, "Investigation of forming parameters in hydroforming of a thin-walled copper tube", CD Proceeding of the International Conference on Advances in Materials and Processing Technologies (AMPT2008), Manama, Bahrain, November 2-5, 2008.

69. **S.M.H. Seyedkashi**, Gh. Liaghat, H. Moslemi Naeini, “Design and manufacturing of a tube hydroforming system”, CD Proceedings of Tehran International Congress on Manufacturing Engineering (TICME2007), Tehran, Iran, December 10-13, 2007.
70. Gh. Liaghat, H. Moslemi Naeini, **S.M.H. Seyedkashi**, “Theoretical and experimental modeling of tube hydroforming process”, Proceeding of International Conference on Manufacturing and Science Technology (ICOMAST2006), Melaka, Malaysia, August 28–30, 2006, pp 319-322.

Patents

1. M. Sajed, **S.M.H. Seyedkashi**, Multilayer friction stir plug welding, September 21, 2020.
2. J. Mahvelati, **S.M.H. Seyedkashi**, Pipe fixture capable of axial, rotational and hybrid movements, April 07, 2020.
3. M. Yavari Noori, M. Sajed, **S.M.H. Seyedkashi**, Production of bimetallic wire using friction stir extrusion, March 06, 2019.
4. M. Ghayour, M.A. Ghayour, **S.M.H. Seyedkashi**, Design and manufacturing of a lead recycling machine from residues of lead-acid battery, October 22, 2022.
5. S.A.H. Alavi, **S.M.H. Seyedkashi**, M. Rakhshkhorshid, Sheet metal expansion forming machine using Soundless Chemical Demolition Agent, August 20, 2024.

Supervision

Finished:

- 10 Ph.D.
- 25 M.Sc.
- 20 B.S.

Continued:

- 14 Ph.D.
- 2 M.Sc.

Honors and Awards

- Distinguished Researcher at University of Birjand, 2017, 2019, 2021, 2022 and 2023, 2025.
- Scientific committee member, The 22nd National and 11th International Conference of Manufacturing Engineering (ICME2026), Tehran, Iran, 14-16 January 2026.
- Scientific committee member, The 21st National and 10th International Conference of Manufacturing Engineering (ICME2025), Tehran, Iran, 25-27 February 2025.
- Scientific committee member, The 20th National and 9th International Conference of Manufacturing Engineering (ICME2024), Tehran, Iran, 21-22 February 2024.
- Scientific committee member, The 1st National Skill Conference of Iran (NSCI2023), Tehran, Iran, 8-9 November 2023.
- Scientific committee member, The 2th National Conference on Advanced Machining and Machine Tools (CAMMT2022), Tehran, Iran, 19 October 2022.
- Scientific committee member, The 7th International and 18th National Conference on Manufacturing Engineering (ICME2022), Tehran, Iran, 2-3 March 2022.
- Scientific committee member, The 6th International and 17th National Conference on Manufacturing Engineering (ICME2021), Tehran, Iran, 2-4 March 2021.
- Central and Scientific committee member, The 5th International and 16th National Conference on Manufacturing Engineering (ICME2019), Tehran, Iran, 18-19 December 2019.
- Distinguished editor, The 5th International and 16th National Conference on Manufacturing Engineering (ICME2019), Tehran, Iran, 18-19 December 2019.
- Supervisor of the distinguished PhD dissertation, student: Daniyal Abolhasani, The 5th International and 16th National Conference on Manufacturing Engineering (ICME2019), Tehran, Iran, 18-19 December 2019.
- Scientific committee member, 27st Annual International Conference of Iranian Society of Mechanical Engineering (ISME2019), Tehran, Iran, 30 April-02 May 2019.

- Scientific committee member, 1st National Conference on Computational & Experimental Mechanics (CEM2019), Tehran, Iran, 28-29 February 2019.
- Central and Scientific committee member, The 4th International and 15th National Conference on Manufacturing Engineering (ICME2018), Tehran, Iran, 24-25 October 2018.

Professional Courses

- Service and Maintenance of Power and Distribution Transformers, Iran Transfo After Sales Services Co., Zanjan, 2013
- Periodic Inspection of CNG Cylinders, ENK, Tehran, 2010
- CNG Sequential Systems, Faramah Int. Co. & Bigas Italy, 2010
- Basic Industrial Hydraulic Course, Festo Didactic, 2005
- WTO training course, ISME2005
- Senior License in English, Iran Language Institute, Mashhad, 1997
- Industrial Drawing, Iran technical and vocational training organization, Diploma, Mashhad, 1997

Professional Experiences

- Head of Academic Center for Education, Culture and Research, South Khorasan Branch, January 2023 to April 2025.
- Vice President for Academic Affairs, Birjand University of Technology, February 2019 to March 2022.
- Deputy of Education at Faculty of Engineering, University of Birjand, July 2017 to February 2019.
- Dean of Mechanical Engineering Group, University of Birjand, November 2016 to July 2017.
- Visiting Professor, Advanced Processing Technology Lab, Pusan National University, Busan, South Korea, 2014.
- Invited Professor, Imam reza international university, 2014-2018.
- Editor, Modares Mechanical Engineering Journal, Since 2013.
- Assistant Professor, University of Birjand, Birjand, Iran, Since 2012
- Visiting Researcher, Advanced Processing Technology Lab, Pusan National University, Busan, South Korea, 2011.
- Chairman/Member of the technical committee (TC) for 24 Iranian standards (ISIRI 13514, 14653, 14654, 14655-4, 14656, ...)
- Directing manager, Faramah Nazeran Gas Co., 2010-2014.
- Training Manager, CNG Inspection and Installation Training courses, Faramah International Co., 2006-2012.
- Production Consulter, Noavaran Engineering Co., 2004-2012.
- R&D Manager, Sooyab Sanat Engineering Co., 2004

Membership

- Member of International Advisory board, [*Metals and Materials International*](#) (2014-2018)
- Member of International Advisory board, [*Transactions of Materials Processing*](#) (By The Korean Society for Technology of Plasticity)
- Member of editorial board, [*Modares Mechanical Engineering*](#)
- Member of editorial board, The quarterly scientific-research journal "[*Karafan*](#)"
- Member of editorial board, [*Mechanic of Advanced and Smart Materials*](#)
- Member of editorial board, [*Mechatronics Engineering*](#)
- Reviewer of the [*Metals and Materials International*](#)
- Reviewer of the [*International Journal of Machine Tools & Manufacture*](#)
- Reviewer of the [*International Journal of Mechanical Sciences*](#)
- Reviewer of the [*Progress in Additive Manufacturing*](#)
- Reviewer of the [*Optics & Laser Technology*](#)
- Reviewer of the [*Scientific Reports*](#)
- Reviewer of the [*Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture*](#)

- Reviewer of the [*Journal of Mechanical Science and Technology*](#)
- Reviewer of the [*Fatigue and Fracture of Engineering Materials and Structures*](#)
- Reviewer of the [*Materials Today Communications*](#)
- Reviewer of the [*Steel Research International*](#)
- Reviewer of the [*Materials*](#)
- Reviewer of the [*Crystals*](#)
- Reviewer of the [*Applied Composite Materials*](#)
- Reviewer of the [*Engineering Science and Technology, an International Journal*](#)
- Reviewer of the [*Manufacturing Letters*](#)
- Reviewer of the [*SN Applied Sciences*](#)
- Reviewer of the [*Journal of the Mechanical Behavior of Materials*](#)
- Reviewer of the [*Scientia Iranica*](#)
- Reviewer of the [*Journal of Engineering Research*](#)
- Reviewer of [*Modares Mechanical Engineering*](#)
- Reviewer of [*Amirkabir Journal of Science & Research-Mechanical Engineering Technology Journal*](#)
- Reviewer of the [*Journal of Theoretical and Applied Vibration and Acoustics*](#)
- Reviewer of [*Journal of Computational and Applied Sciences in Mechanics*](#)
- Reviewer of [*Journal of Modeling in Engineering*](#)
- Reviewer of the [*Journal of Solid and Fluid Mechanics*](#)
- Reviewer of the [*Karafan Journal of Technical and Vocational University*](#)
- Reviewer of [*Iranian Journal of Mechanical Engineering: Transactions of the ISME*](#)
- Member and co-chairman of TC58, Iranian National Standards Organization
- Member of Mechanical Engineering Society of Iran
- Member of Manufacturing Engineering Society of Iran
- Member of Society of Iranian Petroleum Industries Equipment
- Member of Iranian Society of Heating and Refrigerating Engineers
- Member of Orthopedic-Biomechanics research group, University of Birjand

Computer Skills

- | | |
|--|---|
| <ul style="list-style-type: none"> - ICDL - Engineering Software: <ul style="list-style-type: none"> • Marc/mentat • Catia • Autocad • Mechanical Desktop • Solidworks • Working 3D Model • Power Mill | <ul style="list-style-type: none"> • ETA/Dynaform • Ls-Dyna • Marc\Mentat • Automation Studio • Matlab • Ansys • Abaqus • Minitab |
|--|---|

English Proficiency

IELTS: Overall: 7.0
(Listening: 7.0, Reading: 7.5, Writing: 6.0, Speaking: 7.5)