

Curriculum Vitae



Mohammadjavad Mahdavinejad, Ph.D.

Professor of Department of Architecture
Faculty of Art and Architecture
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Personal Details

Name: **Mohammadjavad**

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Scopus Author ID: 53164158600

WOS ID: 000230419300050

Researcher ID: H-8187-2017

Scopus **H-index=13**

Google Scholar **H-index = 25**

Language

English: Expert User (MSRT-IELTS Score: 7)

German: **A2**

Italian: Beginner

Professional

Registration in IRCEO (Iran Construction Engineering Organization): Grade 1 (910182129)

IRCEO Title of Specialty: Architecture – Fully Authorized

Affiliation

2006 Academic Staff, TMU (Tarbiat Modares University), Tehran, Iran.

2020 **Professor**, TMU (Tarbiat Modares University), Tehran, Iran.

Specialities

Participatory Design and Planning, Sustainable Development, CFD and AI, Entrepreneurship and Greening,
Sustainability Audit and Certification, Energy-Sensitive Urban Planning, Urban Planning Studio

Professional Affiliations

2012-2020 Docomomo-Iran, The founder member of Docomomo-Iran

2015-now TICCIH-Iran, The founder member of TICCIH-Iran

2000-now "Grade 1" Member of IRCEO (Iran Construction Engineering Organization), Central Council

2012-now Senior Advisor of IRCEO, Central Council.

2014-now Board of Governors of Iran National Building Code, Road, Housing & Urban Development Research Center

Teaching Qualification

07-09/2006 Junior Professorship Qualification, TMU (Tarbiat Modares University), Iran; Number of credits gained: 18 points – Grade A. Provider: MSRT (Ministry of Science, Research and Technology)

07-09/2012 Senior Professorship Qualification, TMU (Tarbiat Modares University), Iran; Number of credits gained: 32 points – Grade A. Provider: MSRT (Ministry of Science, Research and Technology)

International Grants

2012	JSPS (Nishinomiya, Japan): Study Trip
2014 & 2015	Erasmus Plus: Capacity Building
2016-2019	BMBF, Greener Iran
2017-2020	BMU & BMBF: Climate Competence - Iran
2017 & 2019	DAAD: Study Trip
2019 - 2021	CAS (Chinese Academy of Science)
2020 - 2021	Berlin Alliance
2022-2023	Erasmus Plus KA107 with PUT, Poland
2022 - ...	Qatar National Research Fund (Shortlisted)

International PhD Thesis External Examiner

Austria, Vienna	Ja[Akademie der bildenden Künste Wien
Germany, Bauhaus	Bauhaus-Universität Weimar
Germany, Berlin	Technische Universität Berlin
UK, Sheffield	Sheffield Hallam University
Poland	Poznań University of Technology (Politechnika Poznańska)
Italy	Politecnico di Milano
Italy	Politecnico di Bari
Australia, Sydney	University of Sydney
Belarus, Minsk	Belarusian National Technical University

Honours

2009	Honoured for Gifted Research, National Institution of Elites, 28 & 29 Oct 2009, Tehran: The Islamic Republic of Iran International Conference Center
2010	The winner of "The Book-friend Citizen", The First Festival on Reading Development in the City of Tehran, Culture and Art Organization of Tehran Municipality, 7 Dec. 2010, Tehran: Arasbaran Conference Hall
2011	"The Season Book of Islamic Republic of Iran – winter 2011", As the Author of "Urban Regeneration of Heritage of Future", June 21, 2011, Culture, Art & Architecture Research Center.
2012	Acclaimed designer in national competition of IRCEO, The National Experience of Hospital Design.
2014	Golden Lamp Prize winner, Tehran: Center of Lighting and Illumination Excellency, Iran.
2015	Manoochehr Mozayeni Prize winner, "The Most Cited Scholar" in Architecture and Planning, Tehran: 17 June, 2015.
2015	The First Prize winner in Manoochehr Mozayeni competition, for "Contemporary Architecture from East to West; Introducing Principles, Meanings and Roots" Book, Tehran: 17 June, 2015.
2015	Acclaimed for "Innovative Interdisciplinary Teaching", The "HARAKAT" competition by MSRT (Ministry of Science, Research and Technology of Iran), Certified: (Tuesday, October 20, 2015) (1403/2220).
2017	First Prize Winner – Distinguished Researcher of TMU, 2017-05-08.
2019	The First Prize winner in Manoochehr Mozayeni competition, for "Energy Efficient Architecture" Book, Tehran: 12 June, 2019.
2020	Acclaimed Professor, TMU (Tarbiat Modares University), the National Teacher Day, MSRT (Ministry of Science, Research and Technology). 05/02/2021

- 2020 Acclaimed Scholar in MSRT for activities for Post-COVID architecture and planning. 12/07/2020
- 2021 Acclaimed Professor, TMU (Tarbiat Modares University), the most cited scholar in the field of architecture and planning, Tehran, Iran. 12/07/2021

Teaching Experiences

- 2006-now Tarbiat Modares University, Tehran, Iran.
- 2005-now University of Tehran, Department of Architecture.
- 2003-2008 Islamic Azad University, Science and Research Branch, Faculty of Art and Architecture, Tehran, Iran.
- 2000-2008 Department of Art and Architecture, Shariati Technical School, Tehran, Iran.
- 1997-2008 Department of Architecture, Soore University, Tehran, Iran.

Academic Responsibilities

- 2003-2006 Head of Department of Architecture, Soore University, Tehran, Iran.
- 2006-2008 Dean of Faculty of Architecture, Soore University, Tehran, Iran.
- 2010 - now Establishment/Head of MHFL - "Modern Heritage and Future Legacy Research Hub"
- 2010 - now Establishment/Dean of HAL (Highperformance Architecture Laboratory),
- 2012 - now Establishment/Coordinator of "International Lighting Architecture Consortium"
- 2010 - now Head Coordinator of Division of Sustainability, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013-2014 Dean of Faculty of Art and Architecture, Islamic Azad University, Science and Research Branch, Tehran, Iran.
- 2009 till now Representative of Faculty of Arts and Architecture at HSE (Health, Security and Environment) Council of TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 till now Head of Research Hub of Hospital Design, IRCEO (Iran Construction Engineering Organization), Iran.
- 2018 till now Head of International Office of FAA (Faculty of Art and Architecture), TMU (Tarbiat Modares University).
- 2020 - now Head of Department of Architecture (Including Divisions: Architecture, Landscape Architecture, Sustainability, Urban Design and Environmental Planning), Faculty of Art and Architecture, Tarbiat Modares University.

Books and Publications (Author)

- 2010 "Urban Regeneration and Heritage of the Future", by Dr. Pirooz Hanachi and me, Tehran: University of Tehran, (ISBN= 978-964-03-6030-9) (Academic Book in Master of Architecture Course)
- 2010 "The World Architectural Theories", Jahad Publication Ltd – University of Tehran, (ISBN= 978-964-2729-31-9), Academic Book in Master of Architecture Course, Appreciated at the Fifteenth Ceremony of University Students' Books and Eighteenth Ceremony of University Selected Books. Third edition: 2012.
- 2012 "Contemporary Architecture from East to West; Introducing Principles, Meanings and Roots", Authors: Hamed Kamelnia & Mohammadjavad Mahdavinejad, Tehran: Science of Architecture Publication.
- 2014 "Algorithmic Architecture; Numerical Analysis and Parametric Programming for Contemporary Architectural Design Process", Authors: Mohammadjavad Mahdavinejad; Organized by: Ghazal Refalian, Tehran: Islamic Azad University – Science and Research Branch Press (ISBN= 978-964-10-2591-1).

- 2014 “Principles and Fundamentals of Contemporization; Contemporary Architecture in Old, Historic and Valuable Districts”, Author: Mohammadjavad Mahdavinejad; Organized by: Moeen Aqayimehr, Tehran: Tarbiat Modares University Press. (ISBN= 978-600-5394-94-8)
- 2015 “Bioteecture: Interaction of New Technology and Biophilic Architecture - Towards New Era for Contemporary Architecture”, Author: Mohammadjavad Mahdavinejad, Germany: LAP LAMBERT Academic Publishing (November 25, 2015). (ISBN-10: 3659800058), (ISBN-13: 978-3659800054)
- 2016 “Sadra New Town Lighting Masterplan: Between Landscape and Product Design”, Author: Annalisa Di Roma, Mohammadjavad Mahdavinejad & Giulia Annalinda Neglia, Italy: Politecnico di Bari Press: Arti Grafiche Favia. (ISBN: 978-88-6922-067-8)
- 2017 “Sadra Lighting Design Masterplan”, Author: Mohammadjavad Mahdavinejad, Shiraz: LAP Navid Shiraz Academic Publishing (April 19, 2017), (ISBN= 978-600-192-720-1)
- 2017 “Energy Efficient Architecture”, Author: Mohammadjavad Mahdavinejad, Azin Sanei & Nasim Eslami Rad, Tehran: Shahid Rajae Teacher Training University (May 22, 2017), (ISBN= 978-6006594873)
- 2017 “Finding Future City: Numerical Methods and Optimization Algorithms for Eco-Friendly Architecture”, Author: Mohammadreza Bemanian, Mohammadjavad Mahdavinejad, & Peiman Pilechiha, Tehran: Municipality of Tehran (Oct. 29, 2017), (ISBN= 978-600-04-7992-3)
- 2018 “Energy and Highperformance Architecture – An Introduction to Energy Efficient Buildings”, Authors: Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, & Kavan Javanroodi, Tehran: Tarbiat Modares University Press, p.421 (February 01, 2018), (ISBN= 978-600-758-946-5)
- 2018 “Syntax of Sustainability for New Generation of Iranian Architecture”, Authors: Mohammadjavad Mahdavinejad, & Leila Damirchiloo, Tehran: Hanoon Publication Center, p.122 (June 26, 2018), (ISBN= 978-600-7951-99-6)
- 2019 “Highperformance Architecture: Reframing Future of Iranian Architecture”, Authors: Mohammadjavad Mahdavinejad, Tehran: Tarbiat Modares University Press, p.321, (September 21, 2019), (ISBN= = 978-600-7589-98-4)
- 2021 “Methodological Shift to Artificial Intelligence for Integrated-Inclusive Architectural Design Process”, Author: Mohammadjavad Mahdavinejad (Unedited)

Books Translation

- 2012 "Smart Materials and New Technologies for Architecture and Design Professions", by: D. Michelle Addington & Daniel L. Schodek, Harvard University & Elsevier Architectural Press, 2005 (ISBN 0-7506-6225-5), Road, Housing and Urban Development Research Center (ISBN= 978-600-5392-40-1).

Papers –Journals

ISI -Thomson ISI Papers / JCR

- 2014 Pourjafar, Mohammadreza, Amini, Masoome, Varzaneh, Elham Hatami, Mahdavinejad, Mohammadjavad (2014). Role of bazaars as a unifying factor in traditional cities of Iran: The Isfahan bazaar, *Front. Archit. Res (Frontiers of Architectural Research)*, 2014, 3 (1): 10-19.
- 2014 “Natural Ventilation Performance of Ancient Wind Catchers, an Experimental and Analytical Study – Case Studies: One-Sided, Two-Sided and Four-Sided Wind Catchers”, by: Mohammadjavad Mahdavinejad and Kavan Javanroodi, *Int. J. Energy Technology and Policy* 10(1) 36-60.
- 2016 “Girih for Domes: Analysis of Three Iranian Domes”, by: Mohammad Hossein Kasraei, Yahya Nourian, and Mohammadjavad Mahdavinejad, *Nexus Netw J (Nexus Network Journal)* April 2016, (2016) 18(1), 311–321.
- 2016 “Parametric optimization of daylight and thermal performance through louvers in hot and dry climate of Tehran”, by: Mohammadjavad Mahdavinejad, and Sahar Mohammadi, *Journal of Fundamental and Applied Sciences (J. Fundam. Appl. Sci.)*, 2016, 8(3), 1221-1236.
- 2016 “Contribution of City Prosperity to Decisions on Healthy Building Design: A case study of Tehran”, by: Negar Mohtashami, Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, *Front. Archit. Res (Frontiers of Architectural Research)* (2016) 5, 319–331. (<http://dx.doi.org/10.1016/j.foar.2016.06.001>)
- 2018 “A Study on Terraced Apartments and Their Natural Ventilation Performance in Hot and Humid Regions”, by: Paria Saadatjoo, Mohammadjavad Mahdavinejad, & Guoqiang Zhang; *Building Simulation (BUILD SIMUL)* (2018) 11: 359–372 (<https://doi.org/10.1007/s12273-017-0407-7>).
- 2018 “The Impact of Iwan as a Traditional Shading Device on the Building Energy Consumption”, by: Hamid Eskandari, Mahdi Saedvandi & Mohammadjavad Mahdavinejad; *Buildings* 2018, 8(3) 1-18. (doi:10.3390/buildings8010003)
- 2018 “An ENVI-met Simulation Study on Influence of Urban Vegetation Congestion on Pollution Dispersion”, by: Mohammadjavad Mahdavinejad, Hadis Salehnejad & Nina Moradi; *Asian Journal of Water, Environment and Pollution*, 15(2) 187–194. DOI 10.3233/AJW-180031
- 2018 “Nocturnal Architecture of Buildings: Interaction of Exterior Lighting and Visual Beauty”, by: Fahimeh Nikoudel, Mohammadjavad Mahdavinejad and Javad Vazifehdan, *Light & Engineering* (2018) 26(1) 81-90.
- 2018 “Impacts of Buildings Form on Efficient Energy Architecture; Case Study: Doroud Residential Complex”, by: Niloofar Bahrami & Mohammadjavad Mahdavinejad, *Revista Publicando*, ISSN 1390-9304 (2018) 5(15) 81-90.
- 2018 “Impacts of urban morphology on reducing cooling load and increasing ventilation potential in hot-arid climate”, by: Kavan Javanroodi, Mohammadjavad Mahdavinejad, Vahid M. Nik, *Applied Energy*, 231 (2018) 714–746. (<https://doi.org/10.1016/j.apenergy.2018.09.116>)
- 2018 “Bioware fog collectors: the Texas horned lizard as a model for a biomimetic fog-harvesting”, by: Morteza Aliabadi, Afsaneh Zarkesh and Mohammadjavad Mahdavinejad, *Mater. Res. Express*, 5 (2018) 115502 1-15. (<https://doi.org/10.1088/2053-1591/aadab4>)
- 2018 “Significance of authenticity: learning from best practice of adaptive reuse in the industrial heritage of Iran”, by: Sepideh Samadzadehyazdi, Mojtaba Ansari, Mohammadjavad Mahdavinejad & Mohammadreza Bemanian, *International Journal of Architectural Heritage*, 12 (2018) 1-16. (<https://doi.org/10.1080/15583058.2018.1542466>)
- 2019 “Effects of windward and leeward wind directions on outdoor thermal and wind sensation in Tehran”, by: Mohammad Hadianpour, Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, Mohammad Haghshenas, & Maria Kordjamshidi, *Building and Environment*, 150 (2019) 164-180. (<https://doi.org/10.1016/j.buildenv.2018.12.053>)

- 2018 “Re-Commentary of Sa’adat Abad Garden of Qazvin A Comparative Analysis Of Abdi Beig Shirazi’s Poems and Historical Documents”, by: Samaneh Yarahmadi, Mojtaba Ansari, & Mohammadjavad Mahdavinejad, *BAGH-I-NAZAR*, April 2019, 15 (58) 27-50.
- 2019 “Probable cause of damage to the panel of microalgae bioreactor building façade: Hypothetical evaluation”, by: Maryam Talaei & Mohammadjavad Mahdavinejad; *ENG FAIL ANAL (Engineering Failure Analysis)*, July 2019, 101 (2019) 9-21. (<https://doi.org/10.1016/j.engfailanal.2019.02.060>)
- 2019 “Generating Synthetic Space Allocation Probability Layouts Based on Trained Conditional-GANs”, by: Morteza Rahbar, Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, Amir Hossein Davaie Markazi & Ludger Hovestadt, *Appl Artif Intell (Applied Artificial Intelligence)*, 2019, 33 (8) 1-17. (DOI: 10.1080/08839514.2019.1592919)
- 2019 “Data Mining and Content Analysis of The Jury Citations of The Pritzker Architecture Prize (1977–2017)”, by: Mohammadjavad Mahdavinejad & Seyed Amir Hosseini, *Journal of Architecture and Urbanism*, 2019, 43(1) 71–90. (DOI: <https://doi.org/10.3846/jau.2019.5209>)
- 2019 “A novel design-based optimization framework for enhancing the energy efficiency of high-rise office buildings in urban areas”, by: Kavan Javanroodi, Vahid M. Nik, Mohammadjavad Mahdavinejad, *Sustainable Cities and Society*, 2019, 49 (2019) 101597. (DOI: <https://doi.org/10.1016/j.scs.2019.101597>)
- 2020 “Thermal and energy performance of algae bioreactive façades: A review”, by: Maryam Talaei, Mohammadjavad Mahdavinejad, Rahman Azari, *J. Build. Eng. (Journal of Building Engineering)*, March 2020, 28 (2020) 101011. (DOI: <https://doi.org/10.1016/j.jobe.2019.101011>)
- 2020 “Multi-Objective Optimisation Framework for Designing Office Windows: Quality of View, Daylight and Energy Efficiency”, by: Peiman Pilechiha, Mohammadjavad Mahdavinejad, Farzad Pour Rahimian, Phillippa Carnemolla, Saleh Seyedzadeh; *Appl. Energy (Applied Energy)*, Volume 261, 1 March 2020, 114356, pp. 1-23. (<https://doi.org/10.1016/j.apenergy.2019.114356>)
- 2020 Eslamirad N, Kolbadinejad SM, Mahdavinejad M, Mehranrad M. Thermal comfort prediction by applying supervised machine learning in green sidewalks of Tehran. *Smart and Sustainable Built Environment*. 2020 Apr 28; 9(4):361-374. <https://doi.org/10.1108/SASBE-03-2019-0028>
- 2021 Paria Saadatjoo, Mohammadjavad Mahdavinejad, Guoqiang Zhang, KianoushVali. Influence of permeability ratio on wind-driven ventilation and cooling load of mid-rise buildings. *Sustainable Cities and Society*. 70 (2021) 102894. <https://doi.org/10.1016/j.scs.2021.102894>
- 2021 Maryam Talaei, Mohammadjavad Mahdavinejad, RahmanAzari, Alejandro Prieto, Hamed Sangin. Multi-objective optimization of building-integrated microalgae photobioreactors for energy and daylighting performance. *Journal of Building Engineering*. 42 (2021) 102832. <https://doi.org/10.1016/j.jobe.2021.102832>
- 2021 Hoda Esmaeilian Toussi; Iraj Etesam; Mohammadjavad Mahdavinejad. The Application of Evolutionary Algorithms and Shape Grammar in the Design Process Based upon Traditional Structures. *The Monthly Scientific Journal of Bagh-e Nazar*. May 2021, 18(95): 19-36. <https://doi.org/10.22034/BAGH.2019.161797.3914>
- 2021 Heidari F, Mahdavinejad M, Werner LC, Roohabadi M and Sarmadi H (2021) Biocomputational Architecture Based on Particle Physics. *Front. Energy Res*. 9:620127. <https://doi.org/10.3389/fenrg.2021.620127>
- 2021 Bazazzadeh H, Pilechiha P, Nadolny A, Mahdavinejad M, Hashemi Safaei SS. The Impact Assessment of Climate Change on Building Energy Consumption in Poland. *Energies* 2021;14(14):4084. <http://dx.doi.org/10.3390/en14144084>
- 2021 Haghshenas M, Hadianpour M, Matzarakis A, Mahdavinejad M, Ansari M. Improving the suitability of selected thermal indices for predicting outdoor thermal sensation in Tehran. *Sustainable Cities and Society*. 2021 Jul 27; 74(2021)103205. <https://doi.org/10.1016/j.scs.2021.103205>

- 2021 Goharian A, Mahdavinejad M, Bemanian M, Daneshjoo K. Designerly optimization of devices (as reflectors) to improve daylight and scrutiny of the light-well's configuration. In *Building Simulation 2021* Oct 9 (pp. 1-24). Tsinghua University Press. <https://doi.org/10.1007/s12273-021-0839-y>
- 2021 Torabi Mahsa, Mahdavinejad Mohammadjavad. Past and Future Trends on the Effects of Occupant Behaviour on Building Energy Consumption. *J. Sustain. Archit. Civ. Eng.* 2021 Oct 27;29(2) 83-101. <https://doi.org/10.5755/j01.sace.29.2.28576>
- 2021 Valitabar, Mahdi, Mohammadjavad Mahdavinejad, Henry Skates, and Peiman Pilechiha. A dynamic vertical shading optimisation to improve view, visual comfort and operational energy. *Open House International*. (2021) Vol. 46 No. 3, pp. 401-415. <https://doi.org/10.1108/OHI-02-2021-0031>
- 2021 Hassan Bazazzadeh, Barbara Świt-Jankowska, Nasim Fazeli, Adam Nadolny, Behnaz Safar Ali Najari, Seyedeh Sara Hashemi Safaei, and Mohammadjavad Mahdavinejad. Efficient Shading Device as an Important Part of Daylightophil Architecture; a Designerly Framework of High-Performance Architecture for an Office Building in Tehran. *Energies*. (2021) Vol. 14 No. 24, pp. 1-26, 8272. <https://doi.org/10.3390/en14248272>
- 2022 Architectural layout design through deep learning and agent-based modeling: A hybrid approach. by: Morteza Rahbar Mohammadjavad Mahdavinejad Amir H. D. Markazi Mohammadreza Bemanian. *Journal of Building Engineering*. 2022 April 15; 47, 103822. <https://doi.org/10.1016/j.jobe.2021.103822>
- 2022 Ahmadi J, Mahdavinejad M, Larsen OK, Zhang C, Zarkesh A, Asadi S. Evaluating the different boundary conditions to simulate airflow and heat transfer in Double-Skin Facade. In *Building Simulation 2022* May;15(5):799-815. Tsinghua University Press. <https://doi.org/10.1007/s12273-021-0824-5>
- 2022 Thermal and energy performance of a user-responsive microalgae bioreactive façade for climate adaptability. by: Maryam Talaei, Mohammadjavad Mahdavinejad, Rahman Azari, Hadi Motevali Haghighi, Ali Atashdast. *Sustainable Energy Technologies and Assessments*. Volume 52, Part A, August 2022, 101894. <https://doi.org/10.1016/j.seta.2021.101894>

ISI -Scopus-Cited Papers

- 2012 "Analyzing the state of seismic consideration of architectural non-structural components (ANSCs) in design process (based on IBC)", by Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, Ghazal Abolvardi, Seyed Mohammadmehdi Elhamian, *International Journal of Disaster Resilience in the Built Environment*, Vol. 3 Iss.: 2 pp. 133 - 147.
- 2013 "Investigating condensation role in defects and moisture problems in historic buildings. Case study Varamin Friday Mosque in Iran", By: Mohammadjavad Mahdavinejad, Kavan Javanroodi & Leyli Hashemi Rafsanjani, *World Journal of Science, Technology and Sustainable Development*, Vol. 10 No. 4, 2013, pp. 308-324.
- 2014 "Developing a New Paradigm for Performance of Educating City Theory in Advanced Technology Mega-Cities, Case: Tehran, Iran", by Masoome Amini, Mohammadjavad Mahdavinejad, Mohammadreza Bemanian, and Elham Hatami Varzaneh; *Journal of Architecture and Urbanism*, indexed by **Scopus**, Publisher: Routledge, 38(2) 130-141.
- 2014 "Dilemma of Green and Pseudo Green Architecture Based on LEED Norms in Case of Developing Countries", by Mohammadjavad Mahdavinejad, Arash Zia, Airya Norouzi Larki, Setareh Ghanavati, Narjes Elmi; *International Journal of Sustainable Built Environment*, indexed by **Scopus**, 3, 235–246.
- 2016 "Impact of Roof Shape on Air Pressure, Wind Flow and Indoor Temperature of Residential Buildings", by Mohammadjavad Mahdavinejad and Kavan Javanroodi; *International Journal of Sustainable Building Technology and Urban Development*, 7(2) 87–103. (<http://dx.doi.org/10.1080/2093761X.2016.1167645>)
- 2018 "A Scientometric Review of Citizen Participation Research: World Trend", by Nasim Gholami ROSTAM, Mojtaba ANSARI and Mohammadjavad MAHDAVINEJAD; *Theoretical and Empirical Researches in Urban*

- 2019 "Future of Interactive Architecture in Developing Countries: Challenges and Opportunities in Case of Tehran", by Masoome Amini, Mohammadjavad Mahdavinejad and Mohammadreza Bemanian; *Journal of Construction in Developing Countries*, ISSN: 1823-6499, Online ISSN: 2180-4222, (August 2019), 24(1), 163–184. (<https://doi.org/10.21315/jcdc2019.24.1.9>)
- 2020 "Viewerphilic nightscape based on correlated color temperature", by Maedeh Pourfathollah & Mohammadjavad Mahdavinejad; *Color Res Appl. (Color Research & Application)*, ISSN: 1520-6378, (January 2020), 2020; 45:120–128. (DOI: 10.1002/col.22450)
- 2020 "Lighting Branding: Lighting Architecture and Building Nocturnal City Identity", Mohammadjavad Mahdavinejad, Mohammadreza Bemanian and Maryam Arbab; *IRSPSD (International review for spatial planning and sustainable development)*, ISSN: 2187-3666 (online), January 2020; 8(1): 137-159. (DOI: http://dx.doi.org/10.14246/irspsda.8.1_137)
- 2020 Eslamirad N, Kolbadinejad SM, Mahdavinejad M, Mehranrad M. Thermal comfort prediction by applying supervised machine learning in green sidewalks of Tehran. *Smart and Sustainable Built Environment*. 2020 Apr 28; 9(4):361-374. <https://doi.org/10.1108/SASBE-03-2019-0028>
- 2021 Ahmadi J, Mahdavinejad M, Asadi S. Folded double-skin façade (DSF): in-depth evaluation of fold influence on the thermal and flow performance in naturally ventilated channels. *International Journal of Sustainable Energy*. 2021 Jun 16:1-30. <https://doi.org/10.1080/14786451.2021.1941019>
- 2021 Yousefian S, Pourjafar M, Moshfeghi M, Mahdavinejad M. Assessing the effects of urban canyon's direction on air flow pattern and CO dispersion using CFD (A case study of Tehran). *Italian Journal of Planning Practice*. 2021 Nov 16;11(1):101-21. <http://www.ijpp.it/index.php/it/article/view/97>

ISI -Professional Scientific Citations

- 2012 "The Role of Combined-Scale Smart Structures in Multifunctional Spaces", by Mohammad Reza Bemanian, Mohammadjavad Mahdavinejad, Ali Karam, & Shahabeddin Ramezani; *International Journal of Applied Physics and Mathematics*, Vols. 2, No. 1, January (2012) pp 5-7.
- 2012 "Assessment of Ancient Fridges: A Sustainable Method to Storage Ice in Hot-Arid Climates", by Mohammadjavad Mahdavinejad & Kavan Javanrudi, *Asian Culture and History*, Published by Canadian Center of Science and Education – McGill University (www.ccsenet.org/ach), 2012, Vol. 4, No. 2, Pp. 133-139.
- 2012 "Analysis the Physical Proportions of Main Courts in Azeri Style Mosques", by Mohammadjavad Mahdavinejad, Kavan Javanrudi, *Journal of Advanced Social Research*, Vol.2 No.6, August 2012, Pp. 269-279
- 2012 "Heritage and Sustainable Development, The Role of Historic and Heritage Wealth in Sustainable Tourism Development", by Mojtaba Ansari, Mohammadjavad Mahdavinejad, and Mahmoud Abedi, *Asian Journal of Social Sciences & Humanities*, Vol. 1, No. 3, September 2012, Pp. 70-77.
- 2012 "Emergence of Conceptualism in Contemporary Iranian Architecture", by Mohammadjavad Mahdavinejad, and Raha Bahtooei, *Journal of Advanced Social Research*, Vol.2, No.8, October 2012, 363-380.
- 2013 "Challenges and Opportunities Regarding Adoption of Clean Energy Technology in Developing Countries, in Case of Iran", by Mohammadjavad Mahdavinejad, and Leili hashemi Rafsanjani, and Milad Karimi, *SGCE - International Journal of Smart Grid and Clean Energy*, Vol. 2, No. 2, May 2013, 283-288.
- 2013 "The Role of Domed Shape Roofs in Energy Loss at Night in Hot and Dry Climate (Case Study: Isfahan Historical Mosques` Domes in Iran)", by Mohammadjavad Mahdavinejad, Negar Badri, Maryam Fakhari, and Mahya Haqshenas, *American Journal of Civil Engineering and Architecture*, 1(6), pp. 117-121.

- 2013 "Studying the Thermal and Cryogenic Performance of Shevadun in Native (Local) Buildings of Dezful Based on Modeling and Environmental Measuring", by Nazanin Nasrollahi, Mohammadjavad Mahdavinejad, and Mohammad Hadiyanpour, *American Journal of Energy Research*, 1 (3), pp. 45-53.
- 2013 "The Study on Optimum Tilt Angle in Solar Chimney as a Mechanical Eco Concept", by Mohammadjavad Mahdavinejad, Maryam Fakhari, and Fateme Alipoor, *Frontiers of Engineering Mechanics Research*, USA, Aug. 2013, 2 (3), pp. 71-80.
- 2013 "Enhancement of Outdoor Thermal Comfort through Adoption of Environmental Design Strategies", by Mohammadjavad Mahdavinejad, Mahboobe khademi and Golriz Sadeghnejad, *Energy and Environmental Engineering*, ISSN: 2289-3318, 1(2):81-89, 2013.
- 2013 "Application of Traditional Water Structures as Passive Energy Systems Case: Shushtar Kats", by Mohammadjavad Mahdavinejad, Fahimeh Mirzaei, and Mohammadhossein Ghasempourabadi, *Energy and Environmental Engineering*, ISSN: 2289-3318, 1(3): 111-117, 2013.
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Supervision of Ph.D. Thesis

- 2015 Saeed Farmahin Farahani, "Architectural Principles of Energy Efficient Design; Case Studies: Thermal Comfort in Traditional and Contemporary Houses", January 27, 2015, Advisor: Dr. Mohammadreza Bemanian, Co-Advisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Fahime Motazedian, "Daylightophil Architecture in Learning Spaces with Emphasize on Dynamic Lightshelves", January 11, 2016, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Darab Diba, Co-Advisor: Dr. Farah Habib, Islamic Azad University, Science and Research Branch, Tehran, Iran.
- 2016 Hossein Fallah, "Thermal Behavior of Building Transparent Envelope: Efficient Solar Envelope for Kerman Educational Buildings", December 28, 2016, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 Paria Saadatjoo, "Porous Architecture Toward High Performance Building: Concept of Porosity for Enhancing Naturally Ventilated Mid-rise Building In Qeshm", January 06, 2018, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Afsane Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 Masoome Amini, "Interactive Architecture Paradigm: Mechanism for Interaction between New Technologies and Iranian Contemporary Architecture", September 10, 2018, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 Peiman Pilechiha, "Multi Objective Optimization of Energy, Day Lighting and View Quality in High-Rise Office Buildings", September 18, 2018, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Mohammadreza Bemanian & Dr. Mohammadreza Poorjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 Morteza Rahbar, "A generative algorithm of architectural layout design based on hybrid cGAN algorithm & agent-based modelling"; January 20, 2019, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Mohammadreza Bemanian & Dr. Amirhossein Davaie-Markazi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2018 Mohammad Latifi, "Contemporizing the Genome of Traditional Architecture: Data Mining the Relationship between Mass and Space in Indigenous Houses in Isfahan"; January 24, 2019, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Darab Diba, IAU (Islamic Azad University, Science and Research Branch), Tehran, Iran.
- 2019 Nasim Fazeli, "Shading Pattern and Energy Efficient Building Envelope; Case Studies: Tehran Office Buildings"; October 10, 2019, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2020 Samad Negintaji, "Integrating of Energy Efficiency Optimization Factors in Architecture with Sensitivity Analysis in Mid-Rise Residential Design in Tehran"; February 04, 2020, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Mahsa Sadat Torabi, "User-Behavior-Based Hybrid-Learning Agents and Energy Efficiency Case Study: Selected Residential Buildings of Tehran", September 22, 2021, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Mohammadreza Bemanian & Dr. Pieter-Jan Hoes (Eindhoven University of Technology), TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Javad Ahmadi, "Self-shading envelopes for high performance architecture: Multi-objective form optimization for thermal behavior of double skin façade", December 04, 2021, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Afsaneh Zarkesh & Dr. Somayeh Asadi (Penn State University), TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Sevil Zafarmandi, "Investigating Thermal Comfort Sensation in Semi-open Spaces Among University Campus Buildings in Tehran"; December 11, 2021, Supervisor: Dr. Mohammadjavad Mahdavinejad, Advisor: Dr. Afsaneh Zarkesh & Dr. Rahman Azari, TMU (Tarbiat Modares University), Tehran, Iran.

Advisory of Ph.D. Thesis

- 2014 Farzaneh Ahmadi, "The Role of Discussion Group in the Creative Process of Architectural Design Education", March 10, 2014, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Nina Almasifar, "Explanation of the Persian Gardens Rehabilitation Methods as a Cultural Landscape", June 10, 2014, Supervisor: Dr. Mojtaba Ansari, Supervisor I: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Elham Parvizi, "Architectural Design Principles in Historic Urban Context in Order to Improve Physical Identity; Case Study: Oudlajan Historic Quarter in Tehran", June 15, 2015, Supervisor: Dr. Mohammadreza Bemanian, Advisor I: Dr. Mohammadjavad Mahdavinejad, Advisor II: Dr. Mohammad Saeed Izadi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Hoda Esmaeilian Toussi, "Generative Evolutionary Architecture: The application of genetic algorithm in the challenge of continuity and change", February 04, 2019, Supervisor: Dr. Iraj Etesam, Advisor: Dr. Mohammadjavad Mahdavinejad; TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Amirhossein Farahinia, "Contemporization Principles of Revitalization of Valuable Buildings; Case Study: Adaptive Reuse Historical Residential Buildings in Tabriz", March 06, 2019, Supervisor: Dr. Mohammadreza Bemanian, Advisor: Dr. Mohammadjavad Mahdavinejad; TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Maryam Doroudian, "Exploring algebra and geometry in Iranian architecture, case study: selected ornaments of buildings at the Seljuq era", July 15, 2019, Supervisor: Dr. Mohammadreza Bemanian, Advisor: Dr. Mohammadjavad Mahdavinejad; TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Samira Mohamadi, "Principles of Contemporization Cultural Landscape of Old Citadel of Tehran as a National Heritage Site", December 24, 2019, Supervisor: Dr. Mojtaba Ansari, Advisor: Dr. Mohammadjavad Mahdavinejad; TMU (Tarbiat Modares University), Tehran, Iran.
- 2020 Samaneh Yarahmadi, "Role of water order in eternity of Persian garden and its relation with contemporary landscape", January 08, 2020, Supervisor: Dr. Mojtaba Ansari, Advisor: Dr. Mohammadjavad Mahdavinejad; TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Mohammad Ahmadi, "Spatial Structure of Housing Architecture Based on Iranian Lifestyle", October 02, 2021, Supervisor: Supervisor: Dr. Mojtaba Ansari, Advisor I: Dr. Mohammadreza Bemanian, Advisor II: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Samira Yousefian, "Design Principles for Pollution-refuge Urban Forms, Case Study: Tehran Typical Residential Urban Forms", December 19, 2021, Supervisor: Dr. Mohammadreza Pourjafar, Advisor I: Dr. Mohammadjavad Mahdavinejad, Advisor II: Dr. Mohammad Moshfeghi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Maede Yazdani Rostam, "Contemporizing Ritual Urban Landscape, with Respect to Spatial Structure of Mohallah; Case study: Northern districts of Tehran", January 29, 2022, Supervisor: Dr. Mojtaba Ansari, Advisor I: Dr. Mohammadreza Pourjafar, Advisor II: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.

Supervision of Master Dissertation

- 2011 Saeed Farmahin Farahani, "Growth Media Center, Case Study: Tehran, Vali-Asr (a) St., With a Particular Reference to Sustainable Architecture", Sep 22, 2011, Advisor: Dr. Mohammadreza Bemanian, Tehran: TMU.
- 2011 Mahtan Kamyab, "Design of Shooshtar Mosalla, With a Particular Reference to Socio-Cultural Relationships", Sep 30, 2011, Advisor: Dr. Jahanbakhsh, Shooshtar: Azad Islamic University.
- 2011 Ghazal Abolvardi, "Resistant Residential Pattern in Old Context of Tehran, Case: Residential Complex in Udlayan", Feb1, 2011, Advisor: Dr. Mohammadreza Bemanian, Tehran: TMU.
- 2011 Neda Khaksar, "Usage of Smart Materials in Urban Elevations", Feb 5, 2011, Advisor: Dr. Mohammadreza Bemanian, Tehran: TMU.
- 2011 Farhad Sharafi, "Regeneration of the Garden of Nature of Tehran (Arbab Mahdi Garden) With Particular Reference to the Design Process of the Persian Garden at Qajar Period", March 5, 2011, Advisor: Dr. Mojtaba Ansari, Tehran: TMU.
- 2011 Mina Hajian, "Designing of Affordable Housing Complexes in Tehran Pamenar Neighbourhood with LSF Technology, Case: Farhangian Housing Complex", Sep7, 2011, Advisor: Dr. Mohammadreza Bemanian, Tehran: TMU.
- 2011 Mohammad Mashayekhi, "The Design of High-Rise Building with Particular Refrence to Indigenous Culture, Case: Baghgol Residential Complex", Sep10, 2011, Advisor: Dr. Mohammadreza Bemanian, Tehran: TMU.
- 2012 Soha Mator, "Implementation of Daylight in Deep Width Buildings, Case: The Academy of Islamic Republic of Iran in Abas-Abad Distric", February 01, 2012, Advisor: Dr. Rima Fayaz, Tehran: TMU.
- 2012 Shirin Mokhtaran, "Usage of Parametric Methods in Performance Process of Architectural Construction, Case: Design of Mosque in Hormozan St., Tehran", March 10, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Soheib Dehqani, "Identification of New Materials of Construction in Cold Climates for Educational Spaces, Case Study: 15t-High-School-Classrooms in Karaj", September 19, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Yahya Nourian, "The Redefinition of Architectural Historical Attitude According to Islamic Teachings, with Emphasis on the Technology", September 19, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Masoome Amini, "Designing of the Pattern of Educating Buildings based on Smart Multimedia Technologies, Case: Tehran Art Crafts Gallery", September 26, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Sonya Silvayeh, "Explanation of Optimum Model of Roof Forms Enhancement of Passive Heating", October 13, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Nooshin Nagahani, "Designing Deployable Structures Based on Patterns of Traditional Structures of Iran; Case: Handcrafts Exhibition in Ab-o-Atash Park", October 21, 2012, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2013 Moein Aghaeemehr, "Architectural Design in Historic and Deteriorating Settings; Case: The Monument of Kermanshah Legacies", November 12, 2012, Advisor: Dr. Abbas Alipour Nakhi, Rouzbahan Institute of Higher Education, Sari.
- 2013 Mohammad Ghorbani, "House of International Friendship in Abbas Abad, Tehran", November 12, 2012, Rouzbahan Institute of Higher Education, Sari.
- 2013 Seyyed Sadegh Mirhasheminasab Astaneh, "Emergence of Indigenous Identity in Contemporary Architecte; Case: Rasht Hozeh-Honari Complex", November 12, 2012, Rouzbahan Institute of Higher Education, Sari.
- 2013 Shaghayegh Shahrigharakhoshan, "Parametric Methods in Redesigning Indigenous Houses of Tehran; Case: Baharan Residential Complex-Jamshidie, Tehran", March 11, 2013, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2012 Hoda Amani, "Inter-City Passenger Bus Terminal in East Tehran; with Particular Reference to Spatial Behavior Geography", November 12, 2012, Rouzbahan Institute of Higher Education, Sari.

- 2013 Maedeh Poorfathollah, "Mechanism of Efficient Lighting of Valuable Buildings of Contemporary Architecture; Design Case: Community Center of Niavaran", September 15, 2013, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2013 Kavan Javanroodi, "Design and Evaluation of Efficient form of Residential Buildings Roofs for Reducing Energy Consumption, Design case: design of 40 units Paradise residential complex, Tehran", September 18, 2013, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2014 Golriz Sadeghnejad, "Development of Pantograph Structures for Temporary Residents of Contemporary Iran", January 21, 2014, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2014 Mahnaz Dolatabadi, "Optimum Usage of Daylight in Classrooms to Increase Energy Efficiency of Educational Buildings", January 25, 2014, Advisor: Dr. Mansoure Tahbaz: TMU.
- 2014 Seyed Ali Derazgisou, "Parametric Algorithm Design for Contemporary Architecture with Particular Reference to Role of the Neighbouring Drop Shadow on Energy Efficiency in Residential Buildings", February 03, 2014, Advisor: Dr. Rima Fayaz: TMU.
- 2014 Golriz Sadeqnejad, "Designing Pantograph Retractable Structures Regarding to Contemporary Architecture of Iran Necessities", February 04, 2014, Advisor: Dr. Mohammadreza Bemanian: TMU.
- 2014 Forough Shabani, "Analysis of the Role and Impacts of Wind Flow on General Forms of Contemporary Residential Buildings to Meet Energy Efficiency", June 21, 2014, Advisor: Dr. Mansoureh Tahbaz, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Negar Mohtashami, "Formation of Outstanding Architecture Based on City Prosperity Index in Iran; Case Design: Darakeh Neighbourhood Houses in Tehran", September 20, 2014, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Seyedeh Fateme Mirhosseini, "Biocompatible Architecture for Natural Heritage Sites; Case Design: Residential Complex of Golestan National Park", January 19, 2015, Advisor: Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Fatemeh Jafari, "Application of Genetic Algorithms to Solve the Architectural Design; Case: Design: Baran Residential Complex in Tehran", January 25, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Tinasadat Sadrolgharavi, "Impact of Residential Buildings Forms on Natural Air Flow to Meet Optimum Utilization of Clean Air; Case Design: Baran Residential Complex in Tehran", January 26, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Hanieh Alizade Noqani, "Study of Role of Minimalism in Contemporary Iranian Architecture; Case Design: Aram Residential Complex in Vanak, Tehran", February 01, 2015, Advisor: Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Azin Sanei, "Algorithmic Programming for Net Zero Heating Energy Architecture; Case Design: Tehran Shahrak Naft Residential Complex", February 02, 2015, Advisor: Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Movahed Siami Namin, "Role of Lighting in Perception of Contemporary Iranian Architecture (1978-2013) Case Design: Contemporization of Contemporary Paintings Gallery", February 02, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Seyedeh Sara Taleb Hashemi, "A Comparison Study on Residential Architecture Criteria in Tehran and Other Similar Cities in the World; Case Design: Elahieh Residential Complex in Tehran", February 17, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Niloofar Nagahani, "Feasibility Study of Transferring the Common Spaces of Buildings (Courtyards) to the Urban Public Spaces (Pedestrian)", February 17, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Fahimeh Nikoudel, "Impacts of Lighting Shelf Forms on Efficient Adoption of Daylight for Controlling Glare Effects; Case Design: Tehran Museum of Contemporary Art", May 12, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Vahidreza Abossedgh, "Efficient Lighting Techniques Standard for Contemporary Architectural Monuments; Case Design: Tavanir Cinema Complex in Tehran", May 12, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.

- 2015 Sanaz Masoudi Tonekaboni, "Self-Shading for Energy Efficient Architecture; Case Design: Omid Residential Complex in Tehran", May 30, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Seyedeh Masoomeh Shafiyi, "Natural Ventilation for Zero Energy Building; Case Design: Niyavaran Residential Complex in Tehran", June 09, 2015, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Saba Jalilzade, "Shading Pattern and Better Daylighting for Energy Efficient Office Building; Case Design: Municipality Research Center in Tehran ", July 21, 2015, Advisor: Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Sayide Jodari, "Parametric Algorithm for the Optimization of Buildings' Openings; Case Design: Information Center of Tarbiat Modares University", July 04, 2016, Advisor: Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Parinaz Mansouri Majoumerd, "Self-shading Envelope for Better Energy Efficiency in Mid-Rise Buildings; Case Design: Official Building in Tehran", September 06, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Bahereh Vojdani Fakhr, "Correlated Color Temperature of Light and Energy Efficient Architecture; Case Design: Risbaf Factory of Qom", September 14, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Alireza Didari, "Media Façade Valuable Contemporary Building for Better Interactive Architecture; Case Design: Jame-Jam Cinema Complex", September 14, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Tarlan Abazari, "Optimization of Shading Device to Reduce Summer Cooling Load; Case: Design of Anarak Residential Complex", September 14, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Shahrzad Ghaemi, "Contemporizing of Genome of Traditional Architecture of Isfahan through Evolutionary Algorithm; Case: Design of Amin Residential Complex, Phase II", September 13, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Mahsa Alikhani, "Color Rendering for Branding of Contemporary Architecture of Iran; Case: Redesign of Azadi Monument in Tehran", September 13, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Maryam Kazemi, "Videoecology for Better Night-Architecture in Monumental Buildings; Case: Redesign of Train Station of Tehran", September 13, 2016, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Maryam Arbab, "Lighting Architecture and Embedded Adaptive Intelligence for Energy Efficiency", February 02, 2019, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Akhlaghi, Masoomeh, "Algorithmic Approach to Energy Efficient Material Selection for High-Performance Architecture Based on Comprehensive Life Cycle Cost Analysis; Case: Design of Dezashib Mixed-Use Complex", February 04, 2019, Advisor: Mansour Yeganeh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Yazdi, Arash, "Integrated System of Housing Design Based on Color-Compensating Spectrum in Hybrid Lighting; Case: Design of Sadra Residential Complex", November 18, 2019, Advisor: Mansour Yeganeh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Yazdi, Arash, "Hybrid Bio-Envelope of Integrated Building for Water Transportation; Case: Design of Filband Eco-House", December 11, 2019, Advisor: Ahmad Moshaii, TMU (Tarbiat Modares University), Tehran, Iran.
- 2020 Kambiz Tabibzadeh, "Optimum Pattern for Contemporary Housing based on Comprehensive Concept of High-Performance Architecture; Case: Design of Hashtgerd Residential Complex", January 05, 2020, Advisor: Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2020 Mahdi Lotfi Azar, "Generative Algorithm for User-Friendly Flexible Housing; Case: Design of Tehran Residential Complex", February 04, 2020, Advisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.

- 2021 Mina Aliloo, "Sci-tech lighting architecture for urban convivial buildings; Case: Redesign of Safavi bridge and entrance complex of Karaj", Febuary 02, 2021, Advisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Fatemeh Afshani, "Graph traversal algorithm for optimization of circulation and wayfinding layout in complex building; Case: Usage of ant colony algorithm in designing of diamond commercial", Febuary 03, 2021, Advisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Kianoosh Mohammadian, "Integrated algorithm in building information modeling (BIM) for energy-plus architecture in existing building; case: contemporization of Behshahr Group Building", February 03, 2021, Advisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Farzaneh Hasannejad, "Hybrid Metaheuristic Algorithm for Energy Efficiency in Highperformance Architecture; Case: Design of El-goli Residential Building", June 08, 2021, Advisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Shirin Anvarifar, "Analysis and Design of Lighting Architecture of Karaj Industrial Heritage Research Incubator with Emphasize on Energy Efficiency", August 31, 2021, Advisor: Dr. Mansour Yeganeh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Shahabodin Fathi, "Bioware-based Hybrid Algorithm for High-performance Architecture; Case: Design of Yazd Desert Eco-camp", September 14, 2021, Advisor: Dr. Morteza Rahbar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Hani Sarmadi, "Thermal Performance of Algae Bioreactive Façades; Case: Design of Tehran Bio-research Center", January 14, 2022, Advisor: Dr. Fodil Fodli (Qatar University), TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Saba Robati, "Energy Efficient Optimization of Low-Tech Architecture According to Eco materials; Case: Design of Kerman School", February 01, 2022, Advisor: Dr. Holger Wallbaum (Chalmers University of Technology, Sweden), TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Fatemeh Mehrvarz, "Analysis and Redesign of Mashhad Office Building with Particular Reference to Visual-Thermal Comfort", February 02, 2022, Advisor: Dr. Giuliana Iannaccone (Polimi - Polytechnic University of Milan), TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Fatemeh Elyasi, "Redesign and Lighting Architecture of Iran Industrial Heritage Museum based on Visual-Thermal Comfort", March 07, 2022, Advisor: Prof. Dr. Thomas Römhild (Hochschule Wismar, Germany), TMU (Tarbiat Modares University), Tehran, Iran.

Advisory of Master Dissertation

- 2011 Ghazal Refalian, "Utilization of Parametric Method in Architectural Design Process with Particular Reference to Symmetry of Structure and Architecture, Islamic Arts Museum, Vanak Sq.", 28 Dec 2010, Supervisor: Dr. Afsaneh Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran
- 2011 Fateme Mahbadi, "Les Eléments Romantiques dans la Littérature et l'Architecture Françaises", 4 Jan 2011, Instructor: Dr. Roya Ebrahimi, département de la langue et littérature françaises de l'Université Azad Islamique, Bâtiment Payambare-Azam, rue Simaye Iran, boulevard Farahzadi, place San'at, Téhéran, IRAN
- 2011 Mohammad Mehdi Moulaii, "The Application of Smart Materials in Design of Socio-Cultural Spaces; Case: Mahalla House of Samian, Tehran", 25 May 2011, Supervisor: Dr. Afsaneh Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran
- 2011 Masume Heidari Moghadam, "Application of Exposed Structures in the Expansion of Historic Monuments; Case: Historical Gheytaarieh Complex – Amirkabir Old House, Tehran", June 25, 2011, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran
- 2011 Ameneh Doroodgar, "Recognition of Revivalist Trends in contemporary architecture of Iran", September 21, 2011, Supervisor: Dr. Hasanali Poormand, TMU (Tarbiat Modares University), Tehran, Iran

- 2011 Mahmoud Abedi, "Recreation of Tehran Samian Historic Garden with Community-Based Approach", September 28, 2011, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran
- 2011 Elahe Imani, "The Role of Handicrafts at the Age of Mass Production, Case: Hand-made Carpets and Machine-made Carpets", October 17, 2011, Supervisor: Dr. Hasanali Poormand, TMU (Tarbiat Modares University), Tehran, Iran
- 2012 Ali Karam, "Smart Lightweight Structure: A Mechanism for Reducing Energy Consumption in Multi-Functional Spaces", January 28, 2012, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran
- 2012 Razieh Hoorshenas, "Landscape Recreation of Shiraz Dry-River in Order to Enhance Social Relations with Particular Reference to SELD", February 01, 2012, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran
- 2012 Arefeh Iranishad, "Residential Mohallah Rearrangement Using Principles of Place Making; Case: Kashanak, Tehran", February 01, 2012, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Fahime Dehghani, "Regeneration of Shiraz Nazar Garden with Conserving Approach to Karimkhan Arg Cultural Landscape", February 01, 2012, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Fahime Yari, "Usage of Endogenous Technologies to Develop Consolidated Rural Housing", February 08, 2012, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Sara Tariveh, "Regeneration of Urban Green Spaces through Development of Neighbourhood Relationship; Case: Mehr Park in Dezashib Neighbourhood", February 18, 2012, Supervisor: Dr. Kianoosh Suzanchi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Hale Aarabi, "Restructuring Social-valued Residential Mohalla with the Approach or Morphological Analysis of Iranian Traditional Urban Design; Case: Tajrish Residential Mohalla", February 20, 2012, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Mehdi Movahedzade, "LSF System for Housing after Earthquake; Case: Temporary Housing Complex, City of Roudsar", March 07, 2012, Supervisor: Dr. Afsaneh Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Seyed Mohsen Mortazavi Amiri, "Redesign of Inner City Gardens with Community Based on Empowerment; Case: Abrisham Garden in the 16th District of Tehran", May 26, 2012, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2012 Ali Akbar Yaghoubi, "Harmonization and Integration of Abbasabad Thematic Gardens Based on Fuzzy Logic Analysis", May 30, 2012, Supervisor: Dr. Aliakbar Taghvaei, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Elahe Ansari, "Designing the Sepah Street Pedestrians, Based on the Role of Contrast and Harmony in the Design of Urban Spaces", Jan 14, 2013, Supervisor: Dr. Mahmood Nasiri Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Nasrin Entezary Zonouz, "Organization of the Tabriz Bazzare Entrance on Base of Physical – Behavioral Analysis", Jan 28, 2013, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Samira Yousefian, "Wind Optimization Design in Urban Design Spaces; Case: Urban Design of Ekbatan Complex Phase 4", Feb 02, 2013, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Mohammadali Alinasab, "Environmental Sustainable Design Criteria for Urban Park in Riverside of Urban River Valley", Feb 27, 2013, Supervisor: Dr. Kianoosh Soozanchi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Narges Ahmadpour Kalharoudi, "Design of Urban Spaces with Particular Reference to Simulation of Thermal Comfort Quality; Case: Design of Pedestrian Way in Tamghachiha Pathway in the City of Kashan", March 13, 2013, Supervisor: Dr. Mohammadreza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.

- 2013 Seyyed Mojtaba Mirhosseini, "A Model for Energy Efficiency in the Process of Demolition and Recycling of Buildings", March 20, 2013, Supervisor: Dr. Khosrow Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2013 Raha Bahtooyi, "The Aesthetics Criteria of the Contemporary Landscape Design of Iran; Case: The Design of Iran 2025 Garden in Gahvareh-Did Complex in Shiraz", June 18, 2013, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Asadullah Muahidi, "Use of New Technologies in the Contemporization Cultural Monuments of World Heritage Site", March 11, 2014, Supervisor: Dr. Afsane Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Hanieh Hatami Rastgoo Bajgiran, "The Role of Modular Proportion in Design of Contemporary Sustainable Residential Buildings", March 15, 2014, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Ghazaleh Fotouhi, "Recognition and Adoption of Tehran Identical Indices in Contemporary Landscape Architecture; Case Design: Landscape of Khosroshahi Garden", June 21, 2014, Supervisor: Dr. Aliakbar Taghvaei, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Sima Bostani, "The Role of Pedestrian Landscape Design in Enhancement of Sense of Belonging; Case Design: Pedestrian Pathway of Vanak Vicinity", June 21, 2014, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2014 Nina Moradi, "Adaption of Contemporary Technologies for Enhancement of Thermal Comfort in Urban Spaces; Case Design: Goftegoo Garden in Tehran", Dec 28, 2014, Supervisor: Dr. Mahmood Nasiri Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Mahdiah Zolfaghari Tehrani, "Bionic Architecture with Natural Organisms; Case Design: Iran Pavilion in Milan Exposition", February 04, 2015, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Marzieh Mohseni, "Landscape Design of Historic Structure of Semnan with Particular Reference to Cultural Tourism", March 15, 2015, Supervisor: Dr. Mahdi Haghighatbin, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Hadis Ranjbaran, "The Role of Shade and Humidity in Thermal Comfort; Case: Redesign of Goftegoo Park of Tehran", March 15, 2015, Supervisor: Dr. Mahdi Haghighatbin, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Mehra Farhadi, "The Role of Shade and Humidity in Thermal Comfort; Case: Redesign of Goftegoo Park of Tehran", June 21, 2015, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2015 Ehsan Qasemi, "Parametric Algorithms for Responsive Energy Efficient Facades", June 21, 2015, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Asiye Nazemi, "Redesign of Night Architecture of Valiasr Avenue with Particular Reference to New Technologies", March 12, 2016, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Narges Ghasempour Broujeni, "Comparative Study on the Effective Components of the Quality of Space between Conventional and Traditional Houses of Tehran; Case Design: Tehran Residential Complex", July 05, 2016, Supervisor: Dr. Mansour Yegane, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Mohammadreza Moghimi, "Regeneration of Residential Pattern in Historic Vicinity Based on Atabak People Identity", September 07, 2016, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2016 Fatemeh Nazarpour, "Designing a Socio-Cultural Complex Due to Approaching Reflecting Surfaces", September 10, 2016, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2017 Aidin Mottahedin, "Pattern of Adaptive Reuse of Historic Residential Building through Space Occupancy Optimization", January 24, 2017, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.

- 2017 Farzane Oghaziyan, "Recreation of Geometric Patterns of Shobak Based on Daylight Optimization; Case: Design of Qazvin Glass Office Building in Tehran", January 29, 2017, Supervisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2017 Nasim Kaviyani, "Redesigning of Façade in Dense Urban Area with Green Wall; Case: Design of Tehran Central Business District", January 31, 2017, Supervisor: Dr. Kiyanoosh Soozanchi, TMU (Tarbiat Modares University), Tehran, Iran.
- 2017 Mohammadhesam Nazemroaya, "Regeneration of Abandoned Post-Industrial Landscape; Case: Redesign of Karaj Factory", July 10, 2017, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Shima Norozi Kandelan, "Design of Chamran Residential Complex Landscape with Particular Reference to Pollution Dispersion Landscape", September 15, 2019, Supervisor: Dr. Mojtaba Ansari, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Masoud Bagheri, "Urban Public Spaces Design by Investigating the Effect of Spaces' Elements on Thermal Comfort; Case Study: Imam-Hosseini Square and 17-Sharivar Pedestrian Pathway", September 21, 2019, Supervisor: Dr. Mohammad Reza Pourjafar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Masoud Bagheri, "Climatic Design Guidelines for Streets in Cities alongside Persian Gulf; Case Study: Boushehr", September 22, 2019, Supervisor: Dr. Ehsan Ranjbar, TMU (Tarbiat Modares University), Tehran, Iran.
- 2019 Niloofar Zolghadrasli, "Redesigning of buildings' façade of historical district by shape grammar: Case studies: Selected modern heritage monuments of Tehran", December 10, 2019, Supervisor: Dr. Mohammadreza Bemanian, TMU (Tarbiat Modares University), Tehran, Iran.
- 2020 Mohammad Jalali, "Integrated Approach to BIM for Affordable Architecture; Case: Design of a Residential Complex in Tehran", February 01, 2020, Supervisor: Dr. Afsaneh Zarkesh, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Maziar Heydari, "ABM in kinetic architecture for increasing space performance (Case Study: TMU Pavilion)", January 31, 2021, Supervisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Ali Goharian, "Improving Daylight Availability with Emphasis on Light-well Configuration; Case: Design of Residential Complex (R26) in West of Tehran", August 31, 2021, Supervisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Fatemeh Karami, "The Effect of Double Skin Façade on Energy Efficiency in Khayam Administrative Building", October 02, 2021, Supervisor: Dr. Khosro Daneshjoo, TMU (Tarbiat Modares University), Tehran, Iran.
- 2021 Fatemeh Karami, "Analysis and Redesign of Pardis Tech-Park Landscape with Emphasis on Interaction of Xeriscape and Green Aesthetic in Pardis Technology Park", October 02, 2021, Supervisor: Dr. Amir Farajollahirod, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Parham Pazoki, "Landscape Quality Development in New Cities Based on Sensory Perception. Case: Design of 8th Phase of Pardis New Town", February 02, 2022, Supervisor: Dr. Mahdi Haghghatbin, Advisor: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Yasin Delavar, "Plot-based shape-finding for location of residential areas in Kan garden of Tehran", February 02, 2022, Supervisor: Dr. Kianoosh Suzanchi, Advisor: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Zahra Haq Negahdar, "Design of residential complex number two in New Shushtar (50 single-unit buildings) inspired by Iranian windcatcher", February 02, 2022, Supervisor: Dr. Afsane Zarkesh, Advisor: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Parham Pazoki, "Landscape Quality Development in New Cities Based on Sensory Perception. (Case Study: 8th phase of Pardis New Town)", February 02, 2022, Supervisor: Dr. Mahdi Haghghatbin, Advisor: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.
- 2022 Fatemeh Fazlikhani, "Dynamic Surface According to User-based Climate Performance; Case: Redesign of Diesel Generator Building Roof in the Rey Cement Complex", March 09, 2022, Supervisor: Dr. Afsane Zarkesh, Advisor: Dr. Mohammadjavad Mahdavinejad, TMU (Tarbiat Modares University), Tehran, Iran.

Editorial Board

- 2012 – Now Editorial Board of Architectural Engineering Technology
2012-Now Journal Referee, Sustainability Collection, Issued: 2014-11-05

Professional Experiences

- 2017-now Redevelopment plan of Mehr-Housing Complex of Pardis New Town
2015-now National Hub for Clinic and Hospital Design Department, Tehran, Iran
2015-2019 Tehran Milad Hospital Redevelopment Plan, Tehran, Iran
2012-2015 Araj Green Building, Tehran, Iran.
2011-2014 Kowsar Residential Green Towers, under supervision of Dr. Hamed Kamelnia, Mashhad, Iran.
2009-2011 The New Building of Mojpardaz Basir Co., Science and Technology Park, Pardis, Tehran (Honoured Project)
2006 Qiam Square Multifunctional Commercial Complex of Brojerd Municipality avec M. Qorayian and A. Dezfoolian (First Grade in Architectural Design)
2006 Designing too many Personal Houses and Villas, Various Companies
2005 Brojerd City hall and Municipality building, Brojerd, Iran, avec M. Qorayian and A. Dezfoolian (Honoured Project)
2003 Anex Museum, Library, Cinema Studios, Cultural and Educational Centre in Abadan, Iran, Under the Supervision of Alireza Samiazar, Aseman Naghsineh Consultant, Tehran (Honoured Project)
2002 Monument of Nameless Martyr in Astaaneh, Under the Supervision of Mohammad Alizadeh, New Andish Consultant, Tehran
2000 Chamkhaleh Camping, Cultural and Recreational Centre, Chamkhaleh, Iran, Faraazboom Consultant, Tehran (Honoured as An appreciated Project)
2000 Aligoodarz Camping, Cultural and Recreational Centre, Tabeshband Consultant, Tehran
1999 Khansar Sport, Cultural and Recreational Centre, Khansar , Iran, Tabeshband Consultant, Tehran (Honoured Project)
1998 Interior Design of Iran Tile Co. in Gharani Intersection, Tehran (Honoured Project)

Scientific Committees and Editorial Boards

- 2012-now Member of editorial boards of Naqshejahan – Journal of Basic Studies and New Technologies of Architecture and Planning, TMU (Tarbiat Modares University), Tehran, Iran.
2015-now Member of Scientific Board of the National Competition on Digital Architecture, Feb 2015, Tehran, Iran. (<http://ceat.ut.ac.ir>)
2016-now Board member of Iranian Hospital Design Companies, Tehran, Iran.
2017 Member of Scientific Board of ZEB National Award, October 10-12, 2017, Tehran, Iran. (<http://www.zebfestival.ir/>)
2016-now Senior Board Member of National Architectural Prize, IRCEO (Iran Construction Engineering Organization), Iran.

Professional Qualification

- 2006 Competence Based Tainting for Curriculum Development
2008 Code Checking - Building Industry
2010 Energy Audit and Certification
2014 Energy Retrofit Qualification

N.B. The resume is not completed. The academic and professional activities since 2006 till now had yet to be set.