



## Amir Kiyoumars

Assistant Professor

College: Faculty of Mechanical Engineering

### Education

Degree	Graduated in	Major	University
BSc	2009	Mechanical Engineering	Tehran Polytechnic
MSc	2011	Mechanical Engineering/Energy Conversion	Sharif University of Technology
Ph.D	2018	Mechanical Engineering/ Energy Conversion	Sharif University of Technology

### Employment Information

Faculty/Department	Position/Rank	Employment Type	Cooperation Type	Grade
Shahand University of Technology		(not set)	Full Time	6

### Work Experience

- Top Reviewer in evaluations of knowledge-based companies, Center for Technology Studies, Sharif University of Technology.
- Technical Researcher in Dalio Institute of Cardiovascular Imaging, Weill Cornell Medical College, New York City, NY.
- Project Manager of *TAKEOFF Project* "Empowering the inventors of the National Elite Foundation", 2019
- Project Manager of *TORANJ Project* "Empowering the inventors of the National Elite Foundation", 2016.
- Researcher in 5G internet antenna, MMSENSE TECHNOLOGIES, Waterloo, Ontario, Canada
- CFD analysis of heat exchanger for "*Zagross Petro Co*".
- R&D manager of "*Ager Poolad Co*".
- Founder and management board of "*Yas Innovation Center*".

- Business Development Manager in Simorgh Startup Accelerator.
- Management board of "Ehsantech Ltd".
- Senior Advisor of "Azand Co".
- Senior Advisor of "Arman Sharif".
- Senior Advisor of "Northwest Steel Industries".
- Founder of Rojan Group (the first manufacturer of electric cars in Iran) (2006)

## Competitions

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- 6<sup>th</sup> **Rank** amongst more than 130000 participant in Pre-University Entrance examination in the Mathematics and Physics group For B.Sc (2004).
- 43th Rank amongst more than 14000 participant in M.sc Entrance examination in Mechanical Engineering (2008).
- Candidate for ENI Award (**Energy Nobel Prize**), 2010.
- Winner of the **National Elite Foundation scholarship**, 2015.
- Active as an honored student at Amirkabir University of Technology (Tehran Polytechnic) for 4 years.
- Selected as Distinguished Student at Faculty of Mechanical Engineering, Amirkabir University of Technology (AUT) and obtaining quotas in Direct M.Sc Entrance at AUT.
- Candidate for study 2 majors simultaneously, Amirkabir university of tech, September 2008.
- 10% honor student of Department of Mechanical Engineering in Amirkabir University of Technology in B.S.

## Papers in Journals

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1. [reza mahmoodpoor, amir kiyoumarsioskouei\\*, amin Taraghi Osguei, Small scale wind turbines: A state of the art review, Journal of Renewable and New Energy, 2024.](#)
2. [Reza Mahmoodpoor, Amir Kiyoumarsioskouei, Amin Taraghi Osguei, Leila Donyaparast, Experimental assessment of the air flow induced vibration of a single cylinder with a cantilever beam, Journal of aerospace science and technology, 2024.](#)
3. [Mahdie Aghasizade, Amir Kiyoumarsioskouei, Sara Hashemi, Matin Torabinia, Alexandre Caprio, Muaz Rashid, Yi Xiang, Huzefa Rangwala, Tianyu Ma, Benjamin Lee, Alan Wang, Mert Sabuncu, S Chiu Wong, Bobak Mosadegh, A Coordinate-Regression-Based Deep Learning Model for Catheter Detection during Structural Heart Interventions, Applied Sciences, 2023.](#)
4. [Navid Kashaninejad\\*, Mohammad Reza Nikmaneshi, Hajar Moghadas, Amir Kiyoumarsioskouei, Milad Rismanian, Maryam Barisam, Mohammad Said Saidi \\* and Bahar Firoozabadi, Organ-Tumor-on-a-Chip for Chemosensitivity Assay: A Critical Review, micromachines, 2016.](#)