

# Fatemeh Ghoreishian (1990 Mazandaran, Iran)

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Marital Status: Married

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ResearchGate link: <https://www.researchgate.net/profile/Fatemeh-Ghoreishian>

GoogleScholarlink: [https://scholar.google.com/citations?view\\_op=list\\_works&hl=en&user=W5nfM6sA](https://scholar.google.com/citations?view_op=list_works&hl=en&user=W5nfM6sA)  
[AAAJ](#)

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## Education

- ✓ B.Sc. in Biomedical Engineering, Shahed University, Tehran, Iran (2012-2014). Average: 17.57/20. Ranked 3<sup>th</sup> in B.Sc. program.
- ✓ M.Sc. in Biomedical Engineering, Shahed University, Tehran, Iran (2012-2014). Average: 17.75/20. Ranked 4<sup>th</sup> in M.Sc. program.
- ✓ Ph.D. in Biomedical Engineering, Amirkabir University of Technology, Tehran, Iran (2020-present).

## Projects

- **B.Sc. thesis:** Design and construction of programmable eight-channel electrical excitation system. Supervisor: Dr. Mohammad pooyan. Thesis score: 20.
- **M.Sc. thesis:** Modeling the tremor in parkinsonian patients. Supervisor: Dr. Mohammad pooyan. Thesis score: 19.

## Articles

- ❖ Ghoreishian, F. "Investigation and analysis of the force applied to the joints due to the rotational movement of the limbs", *2<sup>th</sup> Iranian Rehabilitation Engineering Conference*, June. 2012.
- ❖ Ghoreishian, F., Pooyan, M. "A mathematical model for tremor genesis in Parkinson disease from a chaotic view", *21<sup>th</sup> Iranian Conference on Biomedical Engineering (ICBME)*, Nov. 2014.

- ❖ Ghoreishian, F., Pooyan, M. “An Improved Modeling of Parkinson's Tremor and Investigation of Some Approaches to Remove this Symptom”, *International Journal of Engineering Transactions B: Applications*, 2021.
- ❖ Ghoreishian, F., Pooyan, M. “Modeling Parkinsonian Gait and Investigating Some Approaches to Increase The Gait Speed”, *Iranian Journal of Biomedical Engineering*, 2021.